APPENDIX A
BORING LOGS

BORING I	OG FOR:		Raymark OU9 RI/	FS						BORING NO .:	•		300	
PROJECT	NO.:		N1369							START DATE			12/4/03	
LOGGED	BY:		K. Jalkut					TRANSCRIBED BY: LJ	D	COMPLETION		TE:	12/4/03	
DRILLED	BY (Compa	any/Driller):	ADT/ S. Przybylski						·	MON. WELL			N/A	
	RFACE ELI						_	ELEVATION FROM:		CHECKED BY			JL	
	r				1						% B /(++++++++++++++++++++++++++++++++++++	ye o.m e v y		
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSI CONSI or ROO HARD	TY/ IS. CK	CLR	MA' CLASS	ERIAL FICATION		RC	CS OF OCK RKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		2' /	SBP-SO-300-0002 Screening and		Loose		Red - Brown	SAND - trace silt (fine sand, poo	rly graded)		SP	/Fill	Dry; Frozen at surface	FID = 0.0 PID = 0.0
1		2'	confirmation 12/4/03 @ 0903				-		\					FID = 0.0
				_			Tan	SAND - fine sand, poorly graded					Dry Soil, no visible bedding	
2							•							
:		2'	SBP-SO-300-0204 Screening only				Brown- Black	SAND - Some gravel, mostly fine gravel to 1 in. diameter	sand, some coa	arse subrounded			Damp at surface (approximately 2 inches) no visible bedding	FID = 0.0 PID = 0.0
3		2'	12/4/03 @ 0907			4					ļ <u>-</u>			
						_					<u> </u>	ļ	Dry soil	
4				EOB @	+	4	<u> </u>	Quartz pebble (crushed)				<u> </u>		
				4' bgs		_		EOB @ 4' bgs - Backfill with Ben	onite					
					<u> </u>	-					_			
					<u> </u>	_								
						4					<u> </u>			
						_								
				-	<u> </u>	4								
						-								
TYPE OF	DRILLING	RIG:	GeoProbe - 4 X 4 N	fule									Tetra Tech	NUS, Inc.
METHOD	OF ADVAN	ICING BORIN	NG: Direct - Push											
METHOD	OF SOIL S	ampling:	Macro - Core open t	ube continuo	us to 4' in 2	2' inten	vals							_}
1	OF ROCK		N/A											G
1	WATER LE													
OTHER C	B\$ERVATI	ONS:	Phase I, Flag No ≖ 5	66. Former L	.andfill are:	a, no m	nan-made	debris visible		BORING NO.:	300		PAGE: 1	OF 1

	NO.: BY:	any/Driller):	Raymark OU9 RI N1369 Neb Dedic AQUIFER DRILLI		NG/ D. Goole	<u>у</u>	TRANSCRIBED BY: D	<u>H</u>	BORING NO.: START DATE: COMPLETION: MON. WELL NO		300A 2/2/04 2/2/04 N/A	
5KD. 50F	CHACE ELE	EVATION:				A	ELEVATION FROM:		CHECKED BY:			
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR		MATERIAL SSIFICATION 300 for soil profile det	tails from 0' to 4'	USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
						<u>.</u>		 				
4				l.				\				
		2.0'	SBP-SO-300A-0406		Soft I	Gray/Black	Sand and silt, trace gravel/fill	materials		sw 	Moist, organic odor	FID=598 PID=4.4
5		2.0'	2/2/04 @ 1410			Black	Similar to above, more silty (6	")				100
						Gray/Black	Sand with silt, trace gravel/fill					
												ļ
6			SBP-SO-300A-0608	-						_	Moist, wood chips,	FID=1120
		1.2'									Metal pieces	PID=1120 PID=0.0
7		/ 2.0	2/2/04 @ 1425									
								"				
8					+			—		—	Bottom wet, rock	
				EOB							fragments	<u> </u>
				@ 8' bgs								
				-		-		·····		1	<u> </u>	
				_						>		
TYPE OF	ORILLING R	liG:	GEOPROBE- 4x4 I	-V	I						Tr. 4 ***	
		CING BORIN									letra leci	h NUS, Inc.
	OF SOIL SA		MACRO-CORE									
	OF ROCK C		N/A									
	VATER LEV		Approximately 8'			•		·				
	SERVATIO			number 566					BORING NO.: 30	00A	PAGE	1 OF 1

BORING I	LOG FOR:		Raymark OU9 RI/F	÷S				BORING NO.:	301		
PROJECT	NO.:		N1369					START DATE:	12/4/0	03	
LOGGED	BY:		K. Jalkut				TRANSCRIBED BY: LJD	COMPLETION: DATE			· · · · · · · · · · · · · · · · · · ·
DRILLED	BY (Comp:	any/Driller):	ADT/S. Przybylski					MON. WELL NO .:	N/A		
GRD. SUF	RFACE ELE	EVATION:					ELEVATION FROM:	CHECKED BY:	JL		
		,			- 11						
DEPTH (FEET) 0	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DEN SITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION Ballfield Surface (infield)	USC: or ROC BRKI	(moisture K geologica	EMARKS condition; odors; al classification; eathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
			SBP-SO-301-0002 Screening Only		Loose	Red - Brown	SAND trace silt, fine grained, poorly graded	SP/F	II Dry, Froze	n at surface	FID = 0.0 PID = 0.0
1			12/4/03 @ 0946			Black -	SAND – some gravel, fine grained, poorly graded				
		2'				Brown	Similar to above, with coarse subrounded gravel to	1" diameter			
2		2'									PID = 0.0 FID = 0.0
			SBP-SO-301-0204 Screening Only						Dry		
3			12/4/03 @ 0950				Similar to above, with fine-medium grained, trace or poorly graded	parse sand,			
		2' /									
4		2									
				EOB @ 4' bgs			EOB @ 4' bgs - Backfill with Bentonite and topsoil (0-1')			
								<u> </u>			
					1						
						 					
						_					
,					-	 					
						 			>		<u> </u>
						-			_		
				12							
	DRILLING R		GeoProbe -4 X 4 Mul	le						Tetra Tech	NUS, Inc.
METHOD (OF ADVANC	ING BORING	9: Direct - Push					_			
METHOD (OF SOIL SAI	MPLING:	Macro - Core; Open t	ube, continu	ous to 4' in 2; i	ntervals		-		(.)
METHOD (OF ROCK C	DRING:	N/A					-	ļ	1 67	
GROUNDV	VATER LEV	ELS:	Not encountered					-	ĺ		
OTHER OF	SERVATIO	NS:	Phase I. Flag No. 567	'; former land	lfill area, fill so	ils (historical	y)	BORING NO.: 301		PAGE:	1 OF 1

BORING L PROJECT LOGGED DRILLED I GRD. SUF	NO.: BY: BY (Compa	any/Driller): EVATION:	Raymark OU9 RI/I N1369 K. Jalkut ADT/S. Przybylski	FS			TRANSCRIBED BY:	BORING NO. START DATE COMPLETIO MON. WELL CHECKED B	E: N: Date: No.;	302 12/4/03 12/4/03 N/A JL	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION Ballfield (infield)		USCS or ROCK BRKN	REMARKS (moisture condition; odon geological classification, rock weathering; etc.)	
1			SBP-SO-302-0002 Screening Only 12/4/03		Loose	Red - Brown	SAND – trace silt, fine sand, poorty graded		SP/Fill	Dry; Frozen at surface	FID = 0.0 PID = 0.0
,		2' /2'	127100			I all	SAND – fine sand, poorly graded, 1 seashell				
2		/ -	SBP-SO-302-0204		 	 				Moist sand	PID = 0.0
3			Screening Only 12/4/03		Dense	Black	SILT, organic roots, fibers		OL/Fill	Moist silt	FID = 0.0
4		2' 2'			Loose	\	SAND – some gravel, fine-medium sand, trace coarse subrounded gravel to 1.25" diameter	e sand, coarse	▼ SP/Fill	Dry	PID = 0.0 FID = 0.0
				EOB @ 4' bgs			EOB @ 4' bgs - Backfill with Bentonite(4' 1') and top	osoil (1'-0')			FID = 0.0
		:									
									*		
				<u></u>	L						
TYPE OF	DRILLING I	RIG:	GeoProbe -4 X 4 Mu	ıle				FID = A		Tetra Te	ch NUS, Inc.
		CING BORIN						PID = A		_	
	OF SOIL S		Macro - Core; Open	tube, continue	ous to 4' in 2; in	itervals		•		[=	[3_]
	OF ROCK		N/A								· L.
	WATER LE BŞERVATI		Not encountered Phase I. Flag No. 54	n: former land	fill area fill soil	e (historica	aily)	PODING NO	200		
OILEKO	POEKAWII	UINO.	Friase I. Flay NO. 349	o, former land	ını arca, III SUII	a finaronics	wy,	BORING NO.:	302	PAGE:	1 OF 1

PAGE:

PROJECT LOGGED DRILLED	BY:	any/Driller): EVATION: SAMP REC. /	Raymark OU9 RI/ N1369 K. Jalkut ADT/S. Przybylski SAMPLING TIME &	DEPTH MAT'L	SOIL DENSIT			TRANSCRIE		LJD MATERIAI		BORING NO START DAT COMPLETIC MON. WELL CHECKED E	E: DN: DA . NO.:	CS			FIELD SCREENING
0	N/A	SAMP LENG.	SAMPLE NO. (QA/QC STATUS) SBP-SO-303-0002	CHG./ WELL PROF'L	ONSIS or ROC HARD.	K	CLR Red -	Ballfield (in	field)	CLASSIFICAT	ION 		RO BRI	KN	geologica rock we	al classification; athering; etc.)	DATA METHOD = [FID, (PPM)]
1			Screening Only 12/4/03 @ 1020		Loose		Brown Tan			e sand, poorly g orly graded	raded		SP/	 	Dry; Froze	n at surface	FID = 0.0 PID = 0.0
2		2' 2'		,		+	-								No v	isible bedding	FID = 0.0 PID = 0.0
			SBP-SO-303-0204 Screening Only														
3		2' 2'	12/4/03 @ 1030		Dense		Black	mussel) SAND – so	me gravel,	ve with seashel	nd, trace coa		SP/I	Fill	Moist – vi	sible mica flakes	FID = 0.0 PID = 0.0 PID = 0.0
4				EOB @ 4' bgs				poorly grad	ed, coarse	subround grave	l to ¾ in.						FID = 0.0
							-										
														*		<u> </u>	
TYPE OF	ORILLING R	IG.	GeoProbe –4 X 4 Mu	le .													
METHOD (METHOD (METHOD (GROUND)	OF ADVANC OF SOIL SA OF ROCK C VATER LEV	CING BORING MPLING: ORING: /ELS:	Macro – Core; Open N/A Not encountered	tube, continue												Tetra Tech	NUS, Inc.
OTHER O	BSERVATIO	NS:	Phase I. Flag No. 568	B; former land	fill area, fill	soils (his	torical	y)				BORING NO	303			DAGE:	1.05

BORING I	OG FOR:		Raymark OU9 RI/	'FS				BORING NO).:	304	
PROJECT	NO.:		N1369					START DAT		12/4/03	
LOGGED	BY:		K. Jalkut				TRANSCRIBED BY: LJD	COMPLETIC		12/4/03	
DRILLED	BY (Compa	any/Driller):	ADT/S. Przybylski					MON, WELL		N/A	
	RFACE ELI						ELEVATION FROM:	CHECKED E		JL	
	DI OWO	SAMP	CAMPINO		1	-			·		
DEPTH (FEET)	BLOWS PER 6" N/A	REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.		MATERIAL CLASSIFICATIO Ballfield (infield)	N	USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD =
			SBP-SO-304-0002 Screening Only		Frozen	Red - Brown	SAND – fine sand, trace silt, poorly grad	led	SP/Fill	Dry; Frozen at surface	[FID, (PPM)] FID = 0.0 PID = 0.0
1			12/4/03 @ 1040		1	Tan	SAND - fine sand, poorly graded				FID = 0.0 PID = 0.0
		2' 2'			Loose						110 = 0.0
2			SBP-SO-304-0204	1	-				 		<u> </u>
			Screening Only				Y				Į
							Similar to above, with seashells (oyster)	<u> </u>	Dry	
3			12/4/03 @ 1045	1					₩		
		2 /			↓	1 1	SILT – some fine sand, poorly graded, o material	rganic roots and fiberous	OL/Fill	Wet (fines)	FID = 0.0
		2'			Dense	Black	SAND – some gravel, fine-medium sand	, trace coarse SAND,	SP/Fill	1_	PID = 0.0 PID = 0.0
4					<u> </u>		coarse subrounded gravel to 1' diameter	<u> </u>		Dry	FID = 0.0
				EOB @ 4' bgs	1		EOB @ 4' bgs - Backfill with Bentonite(4	1' - 1') and topsoil (1'-0')			
				""				у эт зэрээт (т у у			
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					L_				l		
TYPE OF	DRILLING	RIG:	GeoProbe -4 X 4 Mu	ıle		Λ				<u> </u>	<u></u>
		ICING BORIN		a) W						Tetra Tec	h NUS, Inc.
	OF SOIL S		Macro - Core; Open	tube continue	ous to 4' in 2'	intervals					
	OF ROCK		N/A	tabe, continu	OGO 10 T HIZ,	HACITAIS					-
	WATER LE		Not encountered								•
1	BSERVATI			2: former land	ifili area ali fil	Il soils historica	ally, no man made debris visible	BORING NO.:	304		
1				_,	111		my, made depile fields	I DOMING NO.:	JU4	PAGE:	1 OF 1

BORING L PROJECT LOGGED DRILLED	NO.: BY:	any/Driller):	Raymark OU9 Rla N1369 K. Jalkut ADT/S. Przybylski				TRANSCRIBED BY: LJD	BORING NO START DATE COMPLETIO MON. WELL	E: N: DATE:	305 12/4/03 12/4/03 N/A	
GRD. SUF	RFACE ELI	EVATION:					ELEVATION FROM:	CHECKED B		JL	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS) SBP-SO-305-0002	MAT'L CHG./ WELL PROF'L	SCII_ DENSITY/ CONSIS. or 'ROCK HARD.	CLR	MATERIAL CLASSIFICATION Ballfield (infield)		USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
			Screening Only		_	Brown	SAND - trace silt; fine-medium sand, poorly graded		SP/Fill	Dry; Frozen at surface	FID = 0.0 PID = 0.0 FID = 0.0
2		2' 2'	12/4/03 @ 1050 SBP-SO-305-0204		Loose	Tan Black- Brown	SAND – fine sand, poorly graded SAND, some gravel; fine-medium sand, trace coarse s gravel subrounded and subangular to 1.25° in diameter	and, coarse r		Dry	PID = 0.0 PID = 0.0 PID = 0.0
3			Screening Only 12/4/03 @ 1100	-	Dense	Red- brown Black	SAND, fine sand, trace medium sand, poorly graded SAND – some GRAVEL, fine-coarse sand, fine-coarse subangular to 1" in diameter	gravel-	SW/Fill	Petroleum-like odor (olfactory evidence)	PID = 0.0 FID = 0.0 FID = 0.0 PID = 0.0
4				EOB @ 4' bgs						Dry	
				-							
1									,		
METHOD	DRILLING I OF ADVAN	CING BORIN	GeoProbe –4 X 4 Mu G: Direct - Push Macro – Core: Open		ous to 4' in 2'	intervals				Tetra Tech	NUS, Inc.

N/A

Not encountered

Phase I. Flag No. 541; former Landfill area, fill soils historically

METHOD OF ROCK CORING: GROUNDWATER LEVELS:

OTHER OBSERVATIONS:

1 OF

PAGE:

BORING NO.:

305

BORING LOG FOR:	Raymark OU9 RI/FS		BORING NO.:	306
PROJECT NO.:	N1369		START DATE:	12/4/03
LOGGED BY:	K. Jalkut	TRANSCRIBED BY:LJD	COMPLETION: DATE:	12/4/03
DRILLED BY (Company/Driller):	ADT/S. Przybylski		MON. WELL NO .:	N/A
GRD. SURFACE ELEVATION:		ELEVATION FROM:	CHECKED BY:	JL

				- U		_	OF ILORED E	• •	JL	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION Ballfield (outfield – grass surface)	USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
1			SBP-SO-306-0002 Screening Only 12/4/03 @ 1125		Loose	Red - Brown	SAND – trace silt, mostly fine sand, some medium sand, poorly graded, organic roots/grass	SP/Fill	Root plug = approximately 6 inch Damp surface material	FID = 0.0 PID = 0.0
		1.9				∀ Tan	SAND – fine sand, poorly graded		Dry	FID = 0.0 PID = 0.0
3			SBP-SO-306-0204 Screening Only 12/4/03 @ 1130		Dense	Black	Organic SILT – Silt with organic fibers and root material	OL	Moist (Fines)	FID = 0.0
4		2' 2'					SAND – some gravel, fine-coarse sand, fine-coarse gravel to ¾" diameter, subrounded.	SW	Dry crumbly	PID = 0.0
				EOB @ 4' bgs					-	PID = 0,0
	-								-	
	~									
								*		

TYPE OF DRILLING RIG:	GeoProbe - 4 X 4 Mule		Tetra Tech NUS, Inc.
METHOD OF ADVANCING BORING:	Direct - Push		
METHOD OF SOIL SAMPLING:	Macro - Core; Open tube, continuous to 4' in 2' intervals		(
METHOD OF ROCK CORING:	N/A		
GROUNDWATER LEVELS:	Not encountered		
OTHER OBSERVATIONS:	Phase I. Flag No. 559; former landfill area, fill soils (historically)	BORING NO.: 306	PAGE: 1 OF 1

BORING LOG FOR:	Raymark OU9 RI/FS		BORING NO.:	307
PROJECT NO.:	N1369		START DATE:	12/4/03
LOGGED BY:	K. Jalkut	TRANSCRIBED BY: LJD	COMPLETION: DATE:	12/4/03
DRILLED BY (Company/Driller):	ADT/S. Przybylski		MON. WELL NO.;	N/A
GRD. SURFACE ELEVATION:		ELEVATION FROM:	CHECKED BY:	JL.

							· · · · ·			
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS) SBP-SO-307-0002	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR Red -	MATERIAL CLASSIFICATION Ballfield (outfield – grass surface) SAND – some silt, fine sand, some medium sand, grass, roots, 1	USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.) Grass plug/roots =	FIELD SCREENING DATA METHOD = [FID, (PPM)] FID = 0.0
1			Screening Only 12/4/03 @ 1145		Loose	Brown Tan	piece of gravel SAND - fine sand, poorly graded	SP/Fiff	approximately 6 inch Dry	PID = 0.0 FID = 0.0 PID = 0.0
2		1.9' 2'	SBP-SO-307-0204			•			Saturated at 2.1'	FID = 0.0
3			Screening Only 12/4/03 @ 1150		Dense Loose	Black Tan	Organic SILT – Silt with organic fibers SAND – fine sand, poorly graded	OL SP		PID = 0.0 FID = 0.0 PID = 0.0
4		1.9'			Dense	Black	SILT (organic) – with fibers (roots, reeds) SAND – some silt, some gravel; fine-medium sand, silt with organic fibers, coarse gravel to ¾" diameter	OL SP		FID = 0.0 PID = 0.0
				EOB @ 4' bgs			EOB @ 4' bgs - Backfill with Bentonite(4' - 1') and topsoil (1'-0')			
								\$		

TYPE OF DRILLING RIG:	GeoProbe - 4 X 4 Mule		Tetra Tech NUS, Inc.
METHOD OF ADVANCING BORING:	Direct - Push	<u> </u>	
METHOD OF SOIL SAMPLING:	Macro - Core; Open tube, continuous to 4' in 2' intervals		(
METHOD OF ROCK CORING:	N/A		
GROUNDWATER LEVELS:	Saturated at approximately 2.1'		
OTHER OBSERVATIONS:	Phase I. Flag No. 538; former landfill area, fill soils (historically)	BORING NO.: 307	PAGE: 1 OF 1

BORING LOG FOR:	Raymark OU9 RI/FS		BORING NO.:	308
PROJECT NO.:	N1369		START DATE:	12/4/03
LOGGED BY:	K. Jalkut	TRANSCRIBED BY:LJD	COMPLETION: DATE:	12/4/03
DRILLED BY (Company/Driller):	ADT/S. Przybylski		MON. WELL NO .:	N/A
GRD. SURFACE ELEVATION:		ELEVATION FROM:	CHECKED BY:	JL

DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS) SBP-SO-308-0002	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR Red -	MATERIAL CLASSIFICATION Bailfield (outfield – grass surface) SILTY SAND – trace gravel; fine-medium sand, fine subrounded	USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
			Screening Only		Loose	Brown	gravel to ½" diameter, poorly graded	SP/Fill	Dry; root material = approximately 6 inches	FID = 0.0 PID = 0.0 FID = 0.0
1		1.9'	12/4/03 @ 1200			Tan	SAND - fine sand, poorly graded			PID = 0.0
2		2'	SBP-SO-308-0204			•	SAND – fine sand, oyster shell fragments	OD45		
			Screening Only		▼ Dense	Black	SILTY SAND – fine sand, mica flakes, silt SILT – organic silt, roots, fibers (organic)	SP/Fill SM OL	Saturated at 2.1' Squishy, processed	FID = 0.0 PID = 0.0 FID = 0.0
3		1.9'	12/4/03 @ 1205		Loose	Tan	SAND – fine sand, poorly graded	SP	material?	PID = 0.0
4		2'			Dense	Brown	SILT – fines with glass and unidentified material (fill), quartz pebbles	SM/Fill	Glass Shards – hardened material	FID = 0.0 PID = 0.0
				EOB @ 4' bgs			EOB @ 4' bgs - Backfill with Bentonite (4' - 1') and topsoil (1'-0')			
						<u> </u>				-
,								,		
										
L	L		<u> </u>	L	L		<u> </u>			

TYPE OF DRILLING RIG:	GeoProbe – 4 X 4 Mule		Tetra Tech NUS, II	nc.
METHOD OF ADVANCING BORING:	Direct - Push			
METHOD OF SOIL SAMPLING:	Macro - Core; Open tube, continuous to 4' in 2' intervals		(
METHOD OF ROCK CORING:	N/A			
GROUNDWATER LEVELS:	Saturated at approximately 2.1'			
OTHER OBSERVATIONS:	Phase I. Flag No. 565; former landfill area, fill soils (historically)	BORING NO.: 308	PAGE: 1 OF	1

PROJECT LOGGED DRILLED I	ORING LOG FOR: ROJECT NO.: OGGED BY: RILLED BY (Company/Driller): RD. SURFACE ELEVATION: BLOWS SAMP DEPTH PER REC.		Raymark OU9 RI/ N1369 K. Jalkut ADT/S. Przybylski				TRANSCRIBED BY:	BORING NO.: START DATE: COMPLETION: DATE: MON. WELL NO.: CHECKED BY:	309 12/4/03 12/4/03 N/A JL	
DEPTH (FEET)			SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. OF ROCK HARD.	CLR	MATERIAL CLASSIFICATION Balifield (outfield – grass surface)	USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
1			SBP-SO-309-0002 Screening Only 12/4/03 @ 1220		Loose	Red - Brown	SILTY SAND – grass, roots SAND - fine sand, poorly graded	SM/Fill SP/Fill	Dry; plug = approximately 6 inch	FID = 0.0 PID = 0.0
2		1.8' 2'				Tan				FID = 0.0 PID = 0.0
2			SBP-SO-309-0204 Screening Only 12/4/03 @ 1230	-					Saturated at 2.3'	
3		2' /2'	12/4/03 @ 1230			Black	SILTY SAND – possible processed waste	SM/Fill	Mica, shiny Squishy	FID = 0.0 PID = 0.0 FID = 0.0
4				EOB @ 4' bgs	Dense	Brown	SILT with organic fibers and reeds EOB @ 4' bgs - Backfill with Bentonite (4' - 1') and	OL I topsoil (1'-0')		PID = 0.0
				_			•			
				_						
,										
METHOD (DRILLING R DF ADVANC DF SOIL SA DF ROCK C	CING BORING MPLING:	GeoProbe – 4 X 4 M Direct - Push Macro – Core; Open N/A		ous to 4' in 2' in	tervals				ch NUS, Inc.

GROUNDWATER LEVELS:

OTHER OBSERVATIONS:

Saturated at approximately 2.3'

Phase I. Flag No. 564; former landfill area, fill soils (historically)

1 OF

PAGE:

BORING NO.:

309

PROJECT	NO.:		N1369					START DATE:		12/4/	03	
LOGGED	BY:		K. Jalkut	·			TRANSCRIBED BY: LJD	COMPLETION:	DATE:	12/4/	03	··
DRILLED	BY (Compa	ny/Driller):	ADT/S. Przybylski					MON. WELL NO	O.:	N/A		·
GRD. SUF	RFACE ELE	VATION:					ELEVATION FROM:	CHECKED BY:		JL		
				Total Control of the last								
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION Ballifield (outfield)		USCS or ROCK BRKN	(moisture geologic	EMARKS condition; odors; al classification; eathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
			SBP-SO-310-0002		1 1	Red -	SILTY SAND - fine-medium sand, poorly graded,	, grass, organic	SM/Fill		naterial, grass	FID = 0.0
			Screening Only		Loose	Brown	sand, poorly graded, oyster shells		SP/Fill	plug = app inch	proximately 6	PID = 0.0
1			12/4/03 @ 1240			Tan	57 415 Tino delita, poorly graded, cyster shons		OF/FIII			
		1.8'										FID = 0.0 PID = 0.0
2										₩		
			SBP-SO-310-0204		+	\	↓			Saturated	at 2,1'	
***			Screening Only	1	Dense	Black	ORGANIC SILT - silt with organic fibers and reed	is				FID = 0.0
3			12/4/03 @ 1245	1								PID = 0.0
					1. 1		SILTY SAND – processed waste?, fine-medium s	sand, trace	SM/Fill		s (man-made?)	FID = 0.0
		2'			Loose		coarse sand, glass shards to 1.25"				rd/Cardboard fill Gaskets?	PID = 0.0
		/ 2'			Loose Fill	Tan	SAND – fine sand, poorly graded FILL MATERIAL – layers (approximately 1mm thin	ck)	OL		e" on material	FID = 0.0
4				EOB @	· FIU	Black	The ment ender layers (approximately mini unit	un)			·	PID = 0.0
				4' bgs			EOB @ 4' bgs - Backfill with Bentonite(4' – 1') and	d topsoil (1'-0')				
											· · · · · · · · · · · · · · · · · · ·	
					\vdash							
								·				
•												
				-		-						
									`			
												·
	·						l					
TYPE OF I	ORILLING R	G:	GeoProbe – 4 X 4 Mu	ule							Total Tools	NUIC Inc
		O. ING BORING					. , .	-			Tetra Tech	NUS, INC.
	OF SOIL SA		Macro – Core; Open	tube, continu	ous to 4' in 2' in	tervals		-				<u> </u>
	OF ROCK C		N/A					-				
	VATER LEV		Saturated at approxir	mately 2.1'				•	•		<u></u>	ン
OTHER OF	SERVATIO	NS:	Phase I. Flag No. 587	7; former Land	dfill area, reworl	ked material		BORING NO.: 3	310		PAGE:	1 OF 1

BORING NO .:

310

BORING LOG FOR:

Raymark OU9 RI/FS

BORING I PROJECT LOGGED DRILLED GRD. SUR	NO.: BY: BY (Compa	any/Driller): EVATION: SAMP	Raymark OU9 RI/ N1369 K. Jalkut ADT/S. Przybylski			<u> </u>	RANSCRIBED BY: LJD CC	DRING NO.: TART DATE: DMPLETION: DATE: DN. WELL NO.: HECKED BY:	311 12/4/03 12/4/03 N/A JL	
DEPTH (FEET)	PER 6" N/A	REC. / SAMP LENG.	TIME & SAMPLE NO. (QA/QC STATUS) SBP-SO-311-0002	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION Ballfield (outfield – grass surface)	USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
1			Screening Only 12/4/03 @ 1300		Loose	Red Brown	SILTY SAND – fine-medium sand, grass, organic roots graded	s, poorly SM/Fill	Dry	FID = 0.0 PID = 0.0
		2' 2'	· · · · · · · · · · · · · · · · · · ·			Tan	SAND - fine sand, poorly graded, oyster shells SILTY SAND - fines with sand intervals, layered sand	SP/Fill and SM/SP	Dry Spongy/squishy-Does not	FID = 0.0 PID = 0.0 FID = 0.0
2		,	SBP-SO-311-0204 Screening Only	_		Black / gray Tan	possible waste (<1 mm thick) SAND – fine sand, poorly graded	SP	feel like soil. Saturated sands at 2.1'	PID = 0.0 FID = 0.0 PID = 0.0
3		2'	12/4/03 @ 1305	_	Dense Loose	Black Tan	SILTY SAND – some gravel, fine-medium sand, trace sand, coarse gravel to 1" SAND – fine sand, poorly graded	coarse SM/GM	Dry	FID = 0.0 PID = 0.0 FID = 0.0 PID = 0.0
4		2' EOB @			+	1	SAND – some gravel, fine-medium sand, subrounded gravel to 1"	coarse SP/GP		FID = 0.0 PID = 0.0
				4' bgs			EOB @ 4' bgs - Backfill with Bentonite(4' - 1') and tops	oil (1'-0')		
TYPE OF D METHOD O METHOD O METHOD O	OF ADVANC OF SOIL SA OF ROCK C	CING BORING MPLING: ORING:	GeoProbe – 4 X 4 M Direct – Push Macro – Core; Open N/A Saturated at approxis	tube, continu		ntervals			Tetra Tech	h NUS, Inc.

Phase I. Flag No. 586; former Landfill area

OTHER OBSERVATIONS:

1 OF

PAGE:

PROJECT LOGGED DRILLED (GRD. SUF	BORING LOG FOR: PROJECT NO.: LOGGED BY: DRILLED BY (Company/Driller): BRD. SURFACE ELEVATION: BLOWS SAMP PER REC. (FEET) 6" / SAMP 0 N/A LENG.		Raymark OU9 RI/FS N1369 K. Jalkut ADT/S. Przybylski SAMPLING TIME				BORING NO START DAT TRANSCRIBED BY: LJD COMPLETIC MON. WELL ELEVATION FROM: CHECKED B MATERIAL CLASSIFICATION			312 12/4/03 12/4/03 N/A JL REMARKS (moisture condition; odors;	FIELD SCREENING
0	N/A					CLR Red		Ballfield (outfield – grass surface) SILTY SAND – fine-medium sand, 1 piece coarse gravel to 1*.	ROCK BRKN SM/Fill	geological classification; rock weathering; etc.) Dry; grass plug =	DATA METHOD = [FID, (PPM)] FID = 0.0
1			Screening Only		Loose	Brown		subrounded SAND fine sand, poorly graded, oyster shells	SP/Fill	approximately 6"	PID = 0.0
		2' /2'								Dry	FID = 0.0 PID = 0.0
2			SBP-SO-312-0204 Screening Only		Dense	Black	<	SILTY SAND matrix – possible waste with long fibers (man made)	Fill	Saturated fines (sands) at 2.2'	FID = 0.0 PID = 0.0
3		1.8'	12/4/03 @ 1320		Loose	Black/bro	own	SAND and GRAVEL some silt, fine-coarse sand, fine-coarse gravel 0.5" to 1.25" subrounded SAND fine-medium sand, poorly graded, glass shards to 1/4"	SM/GM SP	Spongy non soil like	FID = 0.0 PID = 0.0 FID = 0.0
4		2'		EOB @	+	Brown	n	57.115 The model to daily, postly graded, glass shares to 74	26	Dry	PID = 0.0
				4' bgs			_	EOB @ 4' bgs - Backfill with Bentonite(4' - 1') and topsoil (1'-0')			
									,		
				ļ							
TYPE OF	DRILLING F	RIG:	GeoProbe – 4 X 4 M	ule						Tetra Tech	NUS, Inc.
		CING BORIN									$\overline{}$
	OF SOIL SA		Macro – Core; Open	tube, continue	ous to 4' in 2' ii	ntervals				T	▙▎

Saturated at approximately 2.2' (fine sands)

Phase I. Flag No. 588; former Landfill area

GROUNDWATER LEVELS:

OTHER OBSERVATIONS:

1 OF

PAGE:

	LOG FOR:		Raymark OU9 RI/	FS					BORING NO.	.:	313	
PROJECT			N1369						START DATE		12/4/03	
LOGGED			K. Jalkut				TRANS	CRIBED BY:LJD	COMPLETIO	N: DATI	E: 12/4/03	
	BY (Compa	-	ADT/S. Przybylski						MON. WELL	NO.:	N/A	
GRD. SUF	RFACE ELE	VATION:					ELEVA	TION FROM:	CHECKED B	Y:	JL	
	BLOWS	SAMP	SAMPLING			els .					- 1	
DEPTH (FEET)	PER 6" N/A	REC. / SAMP LENG.	TIME. & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR	Ballfield	MATERIAL CLASSIFICATION (outfield – grass surface)		USCS or ROCK BRKN	(moisture condition; odors; geological classification;	FIELD SCREENING DATA METHOD = [FID, (PPM)]
			SBP-SO-313-0002		Loose	Red - Brown	SILTY S Fine-me	SAND – trace gravel, roots edium sand, poorly graded, coarse grav	rel to 3/4" subrounded	SM/Fi	Dry; grass/root plug = approximately 6"	FID = 0.0 PID = 0.0
1			Screening Only 12/4/03 @ 1510				04410	1				
		2' 2'			<u> </u>	Brown Black Tan	to 3/4" s	trace gravel; fine-medium sand, poorly subrounded to above; Fine sand, poorly graded, trac		SP/Fil	l Dry	FID = 0.0 PID = 0.0
2						1	pieces (oc quaiz, graver		Metal debris	
			SBP-SO-313-0204				SAND - fine-cou	-trace gravel; Fine-medium SAND, poorse gravel, ½ - ¾" subrounded, with qu	orly graded, trace artz pebbles also	+		FID = 0.0 PID = 0.0
3			Screening Only 12/4/03 @ 1515							SP/Fil		
		1.9'										
4		2'		EOB @	*			Glass shards to ½ in. in diameter, n	netal debris	<u> </u>	Fill debris = glass	
				4' bgs								
				-			-			_		<u> </u>
		: 					1		····			
			<u> </u>	1						_		<u> </u>
,											-	
		-		<u> </u>			-			_		
									<u>.</u>		_	
TYPE OF !	ORILLING R	G:	GeoProbe – 4 X 4 Mul	<u></u>	<u> </u>		1					
		ING BORING		-							Tetra Tecl	n NUS, Inc.
	OF SOIL SAI		Macro – Core; Open tu	the continuou	s to 4' in 2' inte	rvals						$\overline{}$
	OF ROCK C		N/A	iss, continuou	O T HIZ HILE	1410			_			3
	VATER LEV		Not Encountered						_			L)
GROUNDY	AVIEL FEA	LLJ.	HOL THOUGHTONG									

OTHER OBSERVATIONS:

Phase I. Flag No. 629; former Landfill area

1 OF

PAGE:

BORING L	OG FOR:		Raymark OU9 RI/I	FS .				BORING NO.:		314		
PROJECT	NO.:		N1369				•	START DATE		12/4/	03	
LOGGED			K. Jalkut				TRANSCRIBED BY: LJD	COMPLETION		12/4/		
DRILLED	BY (Compa	ny/Driller):	ADT/S. Przybylski					MON. WELL		N/A		
GRD. SUF							ELEVATION FROM:	CHECKED BY		JL		
	DI 01110	CAMP T	SAMPLING						-			a
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP	TIME & SAMPLE NO.	MAT'L CHG./	DENSITY/ CONSIS.		MATERIAL CLASSIFICATION		or ROCK	(moisture geologic	EMARKS condition; odors; al classification;	FIELD SCREENING DATA
0	N/A	LENG.	(QA/QC STATUS)	WELL PROF'L	or ROCK HARD.	CLR	Ballfield (outfield – grass surface)		BRKN	rock we	eathering; etc.)	METHOD = [FID, (PPM)]
			SBP-SO-314-0002 Screening Only		Loose	Red - Brown	SILTY SAND – trace gravel; fine-medium sand, poorl coarse sand, organic roots	ly graded, trace	SM/Fill	Dry; grass approxima	/root plug = itely 4"	F1D = 0.0 P1D = 0.0
1			12/4/03 @ 1520				↓					
		2' /				Tan	SAND – trace gravel, fine-medium sand, poorly grade sand, glass shards to ½"	ed, trace coarse	SP/Fill			FID = 0.0 PID = 0.0
2		/ 2°				Black	SAND- Fine sand, poorly graded, gravel similar to about Waste FILL – fiber boards, green material, glass, productions of the same same same same same same same sam	ove cessed material				FID = 0.0 PID = 0.0
			SBP-SO-314-0204			Tan	SAND – trace gravel, fine-medium sand, poorly grade fine-gravel to 1/2"					1 10 - 0,0
			Screening Only		Dense	Black	Waste FILL –possible cellulose/fiberboard multi-colon	ed, sand sized				FID = 41
3			12/4/03 @ 1525			<u> </u>	material, glass, possible metal tile pieces, plastic			Possible p	rocessed waste	PID = 0.0
		1.6'										
4		/ ²			↓	\	+	-		1		FID = 142 PID = 0.0
				EOB @			EOB @ 4' bgs - Backfill with Bentonite(4' - 1') and top	nsoil (1'- 0')	_			110 - 0.0
				4' bgs	-		200 g 1 5g0 Dabrilla Will Collectino(4 1) and top	33011 (1-0)	-			
				-	\vdash							
					ļ	_				ļ		
												-
									,			-
					1							
L					نسساه	ļ						<u> </u>
TYPE OF	DRILLING	RIG:	GeoProbe – 4 X 4 M	ule				Note:			Tetra Tech	MIIS Inc
		ICING BORIN						PID = A			7600	1103, 116.
	OF SOIL S		Macro – Core; Open	tube, continu	uous to 4' in 2'	intervals		FID = Flame out	– replace v	with FID B		-)
	OF ROCK		N/A					_				
	WATER LE		Not Encountered					-				ン
OTHER C	BSERVATI	ONS:	Phase I. Flag No. 63	0; former Lar	ndfill area			BORING NO.:	314		PAGE:	1 OF 1

PROJECT No. COOKED NO. CO	BORING L	OG FOR:		Raymark OU9 RI/F	s					BORING NO.	:	315		
MON WELL NO. MA	PROJECT	NO.:								START DATE	:		03	
BLOWN SAMPLING S	LOGGED	BY:						TRANSCRIBED BY:	LJD	COMPLETIO	N: DATE:	12/4/	03	
BLOWS SAMP FIRST PER	DRILLED	BY (Compa	any/Driller):	ADT/S. Przybylski						MON. WELL	NO.:	N/A		
DEPTH PER REC. TIME MATING CHISTY	GRD. SUF	RFACE ELE	EVATION:					ELEVATION FROM:		CHECKED B'	Y :	JL		<u> </u>
DEPTH PER REC. TIME MATING CHISTY		DI OWE	CAMP	CAMOUNIC		76		d harmony and the same						and
Company Comp	DEPTH								MATERIAL			, R	EMARKS	FIELD
NA SENS SANCE	(FEET)		1					CI				(moisture	condition; odors;	
Fig.	_	NUA			WELL	or ROCK	CLR					rock w	eathering: etc.)	
	U	N/A	LENG.	, ,	PROF'L	HARD.		Ballfield (outfield – grass	surface)					
Confirmation						,	1	SILTY SAND - trace grav	vel – roots; fine-medium s	and, trace	SM/Fill			
12403 @ 1635 12403 @ 1635 12403 @ 1635 12403 @ 1635 12403 @ 1635 12403 @ 1635 12403 @ 1635 12403 @ 1630 12403 @ 1630 12403 @ 1630 12403 @ 16403 12403 @ 16403 1240	1					L.oose	Brown	Coarse saile, poorly grade	ed, angular fine graver to	72		Frozen gr	ouna	PID = 0.0
Note] '					1 1								
2				124700 @ 1000		 	 	wood chunk at 1.1' (appro	oximately 2.5" in length)			Partial rec	rowant rafusal	
2			1.1'					(арри	online of 2.5 at longer)				overy – reiusai	
SBP-SO-316-0204 Loose Tan SAND - fine-median sand, poorty graded SP Positive Chemical odor FiD = 20 PiD = 50 PiD = 5			/ 2'									1		
Screening Only 12/403 @ 1540 1.4	2					★	₩				▼			
1/4/03 @ 1540 1/4 2 2 2 2 2 2 2 2 2				SBP-SO-315-0204		Loose	Tan	SAND – fine-medium san	id, poorly graded		SP			
1/4/03 @ 1540 1/4 2 2 2 2 2 2 2 2 2				Screening Only					 .			Dossible (Shaminal ada.	
FID = 16	,			7 ,		light	Gray/black	Fine sand, poorly graded				r ossible (zienikai 000i	
1.4	3			12/4/03 @ 1540								 		
A			14'									Dan	on only	
A								Similar to above, with ne	wspaper plass metal			"	,p omy	
COR COR CORNOR OF SOIL SAMPLING: Macro - Core; Open tube, continued as a content of the	4					♦	♦		mopapor, glave, mora		\	♦		1
Type Of Drilling Rig: GeoProbe - 4 X 4 Mule Direct - Push Macro - Core; Open tube, continuous to 4' in 2' intervals					EQB @			-					·	1 10 - 0.0
TYPE OF DRILLING RIG: METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: MICHOPATRIC STREET OF A STREET OF					4' bgs			EOB @ 4' bgs- Backfill w	ith Bentonite(4' 1') and t	topsoil (1'-0')				
TYPE OF DRILLING RIG: METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: MICHOPATRIC STREET OF A STREET OF														
TYPE OF DRILLING RIG: METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: MICHOPATRIC STREET OF A STREET OF	<u></u> .					ļ	<u> </u>			-				
TYPE OF DRILLING RIG: METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: MICHOPATRIC STREET OF A STREET OF														
TYPE OF DRILLING RIG: METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: MICHOPATRIC STREET OF A STREET OF														
TYPE OF DRILLING RIG: METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: MICHOPART LEVELS: OTHER OBSERVATIONS: Phase I. Flag No. 656; former Landfill area METHOD OF DRILLING RIG: Macro – Core; Open tube, continuous to 4' in 2' intervals MICHOPART LEVELS: MOTHER OBSERVATIONS:														
TYPE OF DRILLING RIG: METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: MICHOPATRIC STREET OF A STREET OF														
TYPE OF DRILLING RIG: METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: MICHOPATRIC STREET OF A STREET OF														
TYPE OF DRILLING RIG: METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: MICHOPATRIC STREET OF A STREET OF														
METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: MORTO – Core; Open tube, continuous to 4' in 2' intervals N/A GROUNDWATER LEVELS: Not Encountered OTHER OBSERVATIONS: Phase I. Flag No. 656; former Landfill area BORING NO.: 315 PAGE: 1 OF 1											>			
METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: MORTO – Core; Open tube, continuous to 4' in 2' intervals N/A GROUNDWATER LEVELS: Not Encountered OTHER OBSERVATIONS: Phase I. Flag No. 656; former Landfill area BORING NO.: 315 PAGE: 1 OF 1														
METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: MORTO – Core; Open tube, continuous to 4' in 2' intervals N/A GROUNDWATER LEVELS: Not Encountered OTHER OBSERVATIONS: Phase I. Flag No. 656; former Landfill area BORING NO.: 315 PAGE: 1 OF 1								<u> </u>	<u>.</u>	·				1
METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: MORTO – Core; Open tube, continuous to 4' in 2' intervals N/A GROUNDWATER LEVELS: Not Encountered OTHER OBSERVATIONS: Phase I. Flag No. 656; former Landfill area BORING NO.: 315 PAGE: 1 OF 1	TYPE OF	DRILLING	RIG:	GeoProbe – 4 X 4 Mii	ile								Tates T	5 AU (C. 1::-]
METHOD OF SOIL SAMPLING: Macro – Core; Open tube, continuous to 4' in 2' intervals METHOD OF ROCK CORING: N/A GROUNDWATER LEVELS: Not Encountered OTHER OBSERVATIONS: Phase I. Flag No. 656; former Landfill area Macro – Core; Open tube, continuous to 4' in 2' intervals N/A BORING NO.: 315 PAGE: 1 OF 1													rega rec	II NOS, INC.
METHOD OF ROCK CORING: N/A GROUNDWATER LEVELS: Not Encountered OTHER OBSERVATIONS: Phase I. Flag No. 656; former Landfill area BORING NO.: 315 PAGE: 1 OF 1					ube, continue	ous to 4' in 2' in	ntervals							
GROUNDWATER LEVELS: Not Encountered OTHER OBSERVATIONS: Phase I. Flag No. 656; former Landfill area BORING NO.: 315 PAGE: 1 OF 1	1				,			·						-
OTHER OBSERVATIONS: Phase I. Flag No. 656; former Landfill area BORING NO.: 315 PAGE: 1 OF 1								·	 -				<u> </u>	
					; former Land	dfill area				BORING NO :	315		BACE:	4 05 1
THILLIO Cause AA40			· · · · · · · · · · · · · · · · · · ·								3,0			1 OF 1 TtNUS Form 0018

BORING L			Raymark OU9 RI/F N1369	S			BORING NO.: 316	
LOGGED			K. Jalkut				START DATE: 12/4/03 TRANSCRIBED BY: LJD COMPLETION: DATE: 12/4/03	
DRILLED		ov/Deilloch	ADT/S. Przybylski					 _
GRD. SUF			AD 173. FIZYUYISKI				MON. WELL NO.: N/A	
GND. SUF	WACE ELL	ZVATIÇIN.					ELEVATION FROM: CHECKED BY: JL	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL USCS REMARKS Or (moisture condition CLASSIFICATION ROCK BRKN classification; rock Outside Ballfield fence grass surface USCS REMARKS (moisture condition PROCK BRKN classification; rock weathering: etc.)	DATA METHOD=
			SBP-SO-316-0002 Screening Only	TROFE	IIAND.	Red - Brown	SILTY SAND – trace gravel, roots; Fine-medium sand, poorly graded, fine gravel to ½" subrounded SM/Fill Dry; grass/root plug approximately 3"	[FID, (PPM)] FID = 0.0 PID = 0.0
1			12/4/03 @ 1555		Loose	Tan I	SAND – fine sand, poorly graded, oyster shells SP	
		1.7' 2'				Black	SAND – some gravel, fine-coarse sand, well graded, fine-coarse SW/G	etal FID = 5.0 PID = 0.0 FID = 20
2		,	SBP-SQ-316-0204				gravel ½"-¾" subrounded and subangular SP Dry	PID = 0.0
			Screening Only				SAND – organic roots, wood chunks, fine-medium sand, glass shards SP/Fill	FID = 0.0
3			12/4/03 @ 1600			 	to ½", poorly graded	PID = 0.0
		1.4'				Tan		
4	-	/ 2			+		SAND - trace gravel; fine sand, trace medium sand, poorly graded, 1 SP/Fill piece coarse gravel to 3/2" subrounded	FID = 0.0 PID = 0.0
				EOB @ 4' bgs			EOB @ 4' bgs - Backfill with Bentonite (4' – 1') and topsoil (1'-0')	
1								
							8	
TYPE OF	DRILLING	RIG:	GeoProbe – 4 X 4 Mu	ile			Tetra	Tech NUS, Inc.
METHOD	OF ADVAN	ICING BORIN	IG: Direct - Push	_				
METHOD	OF SOIL S	AMPLING:	Macro - Core; Open	ube, continu	ous to 4' in 2' in	itervals		
METHOD	OF ROCK	CORING:	N/A					IC
	WATER LE		Not Encountered					
OTHER C	BSERVATI	ONS:	Phase I. Flag No. 631	; former Land	dfill area, fill soi	ls historical	BORING NO.: 316 PAGE:	1 OF 1

BORING LO	OG FOR:		Raymark OU9 RI/FS	S				BORING NO.:		317 12/5/03		
PROJECT I	NO.:		N1369					START DATE:				
LOGGED BY:			K. Jalkut			TRANSCRIBED BY	COMPLETION: [DATE:	12/5/03 N/A			
DRILLED BY (Company/Driller):		ADT/S. Przybylski					MON. WELL NO.:					
GRD. SURF	GRD. SURFACE ELEVATION:					ELEVATION FROM	CHECKED BY:		JL			
	BLOWS	SAMP	SAMPLING				118 10		Olivery von			
DEPTH PER REC.		TIME &	DEPTH MAT'L	DENSITY/		MATERIAL		uscs	REMARKS (moisture condition;	FIELD SCREENING		

			, . 			~				
ļ	BLOWS	SAMP	SAMPLING	DEPTH	SOL			USCS	REMARKS	FIELD
DEPTH	PER	REC.	TIME	MAT'L	DENSITY/		MATERIAL	or	(moisture condition;	SCREENING
(FEET)	6"	/	&	CHG./	CONSIS.		CLASSIFICATION	ROCK	odors; geological	DATA
		SAMP	SAMPLE NO.	WELL	f or ROCK	CLR		BRKN	classification; rock	METHOD =
0	N/A	LENG.	(QA/QC STATUS)	PROF'L	HARD.		Outside Ballfield area near fence – grass surface		weathering; etc.)	(FID, (PPM))
			SBP-SO-317-0002		Loose	Red -	SAND - some silt, some gravel, fine-medium sand, trace coarse	SM/Fill	Dry;	FID = 0.0
		1.7'	12/5/03 @ 0915		1	Brown	sand, fine-coarse subrounded gravel to 1/2"-1" diarneter, roots		grass plug and root ball	PID = 0.0
		/ 2°	DUP01 @ 0918 screening	1			· · · · · · · · · · · · · · · · · · ·		= approximately 3"	FID = 1.0
1 1			and screening duplicate			↓		1 L		PID = 0.0
· · · · · · · · · · · · · · · · · · ·				1		Tan	SAND – fine sand, poorly graded	SP/Fill		PID = 0.0
						l lan	SAND - title sand, poorty graded	SP/Fill	Dry	
							TO LIVE		1	
1 _						Black	SAND – some gravel; fine-coarse sand, well graded, fine-coarse	SW/Fill		FID = 3.0
2						gray-brown	gravel, subrounded 1/2"-3/4" diameter, wood chunks, quartz			PID = 0.0
			SBP-SO-317-0204				<u> </u>			FID = 0.0
		1.7'	Sanaarina Oak	1			Similar to above, with wood chunks and splinters of wood	1		PID = 0.0
		/ 2°	Screening Only	1			Similar to above, with glass, metal fragments, more silt, fiberous		1	FID = 0.0
3			12/5/03 @ 0920			Black	felt-like pad (black)	SM/Fill		PID = 0.0
				1				CIVELIA		FID - 0.0
									Siltier at bottom	1
									Sittler at bottom	
1		[1	
4						.	<u> </u>		l.	1
				EOB @		1	· · · · · · · · · · · · · · · · · · ·	1		
1				4' bgs			EOB @ 4' bgs - Backfill with Bentonite (4' - 1') and topsoil (1'-0')			1
		[1	
1										} [
				1		_			-	
										1
					<u> </u>	-		11/2		
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				j .					I.] [

TYPE OF DRILLING RIG:	GeoProbe – 4 X 4 Mule		Tetra Tech NUS, Inc.
METHOD OF ADVANCING BORING:	Direct - Push	=	
METHOD OF SOIL SAMPLING:	Macro - Core; Open tube, continuous to 4' in 2' intervals	-	(
METHOD OF ROCK CORING:	N/A	=	 TE
GROUNDWATER LEVELS:	Not Encountered	-	
OTHER OBSERVATIONS:	Phase I. Flag No. 657; former Landfill area, refusal 0-2' initially - relocated closer to fence within 5' of flagged location	BORING NO.: 317	PAGE: 1 OF 1

BORING LOG FOR:	Raymark OU9 RI/FS		BORING NO.:	318
PROJECT NO.:	N1369		START DATE:	12/5/03
LOGGED BY:	K. Jalkut	TRANSCRIBED BY: LJD	COMPLETION: DATE:	12/5/03
DRILLED BY (Company/Driller):	ADT/S. Przybylski		MON. WELL NO .:	N/A
GRD. SURFACE ELEVATION:		ELEVATION FROM:	CHECKED BY:	JL

DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS) SBP-SO-318-0002	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSIT CONSIS or 'ROC HARD Loose	S. K CLR	MATERIAL CLASSIFICATION Outside Ballfield area near fence – grass surface) SAND – some silt, some gravel; fine-medium sand, trace coarse	USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
			Screening Only		1	Brown-gray	sand, fine-coarse gravel subrounded to 1" diameter Similar to above, more coarse sand, more well graded wood	SW/Fill	Dry; Grass/root plug = approximately 3"	FID = 0.0 PID = 0.0
1			12/5/03 @ 0935				pieces (burned)		Spray paint on surface	
		2 /2			▼ Dense	Gray	SILTY SAND – spongy processed material, glass, metal	V	Dry	FID = 0.0 PID = 0.0
2		/ _			Denae	Glay	fragments, wood	SM/Fill		FID = 0.0 PID = 0.0
			SBP-SO-318-0204 Screening Only		Loose	Red brown - Gray brown	SAND – some gravel; fine-coarse sand, well graded, fine-coarse gravel to ¾", possible linoleum tiles	SW/Fill	Dry	FID = 0.0 PID = 0.0
3			12/5/03 @ 0940		Dense	Black	SILTY SAND and processed waste – spongy material, glass, wood, metal, white specks, charcoal	SM/Fill		FID = 0.0 PID = 0.0
		1.7'					V	V	Dry	
4		/ 2'		500 G	Loose	Gray - Black	SAND – some gravel, fine-coarse SAND, fine-coarse gravel subrounded to 1", oyster shell fragments, wood splinters	SW/Fill		FID = 0.0 PID = 0.0
				EOB @ 4' bgs						
					<u> </u>					
				,				\$		

TYPE OF DRILLING RIG:	GeoProbe 4 X 4 Mule		Tetra Tech NUS, Inc.
METHOD OF ADVANCING BORING:	Direct - Push	,	
METHOD OF SOIL SAMPLING:	Macro – Core; Open tube, continuous to 4' in 2' intervals	,	(-
METHOD OF ROCK CORING:	N/A	,	
GROUNDWATER LEVELS:	Not Encountered		
OTHER OBSERVATIONS:	Phase I. Flag No. 607; former Landfill area	BORING NO.: 318	PAGE: 1 OF 1

BORING I	OG FOR:		Raymark OU9 Rt/	FS			BOR	ING NO.:	319	
PROJECT	NO.:		N1369					RT DATE:	12/5/03	
LOGGED	BY:		K. Jalkut					PLETION: DATE:	12/5/03	
DRILLED	BY (Compa	any/Driller):	ADT/S. Przybylski					I. WELL NO.:	N/A	
	RFACE ELE							CKED BY:	JL	
DEDTI	BLOWS	SAMP	SAMPLING	DEPTH	SOIL			USCS	REMARKS	FIELD
DEPTH (FEET)	PER 6"	REC. / SAMP	TIME & SAMPLE NO.	MAT'L CHG./	DENSITY/ CONSIS.		MATERIAL CLASSIFICATION	gr ROCK	(moisture condition; odors; geological classification;	SCREENING DATA
0	N/A	LENG.	(QA/QC STATUS) SBP-SO-319-0002	WELL PROF'L	or ROCK HARD.	CLR	Ballfield outfield- grass surface	BRKN	rock weathering; etc.)	METHOD = [FID, (PPM)]
			Screening Only		Loose	Red - Brown	SAND – some silt, trace gravel; fine-medium sand, trace coar sand, coarse gravel to 1" subrounded, roots	se SM/Fill	Dry; Grass/root plug = approximately 2"	FID = 0.0 PID = 0.0
1			12/5/03 @ 0950				↓			
						Tan	SAND – fine sand, poorly graded	SP/Fill	Dry	FID = 0.0
		2'								PID = 0.0
_		/ 2'			▼		↓	SM/Fill		FID = 0.0
2			SBP-SO-319-0204	-	Dense	Black	SILTY SAND – some gravel, fine-medium sand, poorly grade			PID = 0.0
			Screening Only		Delise	Brown	coarse gravel (possible trap rock)	u,	Dry	
,			12/5/03 @ 0955		Soft	Black	Wood chunks, burned			FID = 0.0
3			12/3/03 (1) 0933	-	SOIL	Black	47 COU CHAIRS, DUTTED			PID = 0.0
		1.1'							Compressed soil (not a refusal) partial recovery	
4		/ 2'			+		↓	↓		
				EOB @ 4' bgs						
				4 Ugs						
				1 >		_		-		
								_		
,										
								3		
							<u> </u>	-	l	<u> </u>
TYPE OF	DRILLING I	RIG:	GeoProbe – 4 X 4 M	ule					Tetra Tech	NUS. Inc.
METHOD	OF ADVAN	CING BORIN	G: Direct - Push							
METHOD	OF SOIL S.	AMPLING:	Macro - Core; Open	tube, continue	ous to 4' in 2' ir	ntervals			(.)
METHOD	OF ROCK	CORING:	N/A							G!
GROUND	WATER LE	VELS:	Not Encountered							ニノ
OTHER C	BSERVATI	ONS:	Phase I, Flag No. 60	8; former Land	dfill area		RC	RING NO : 319	BACE	1 05 1

BORING LOG FOR:	Raymark OU9 RI/FS		BORING NO.:	320
PROJECT NO.:	N1369		START DATE:	12/5/03
LOGGED BY:	K. Jalkut	TRANSCRIBED BY:LJD	COMPLETION: DATE:	12/5/03
DRILLED BY (Company/Driller):	ADT/S. Przybylski	· · · · · · · · · · · · · · · · · · ·	MON. WELL NO .:	N/A
GRD. SURFACE ELEVATION:		ELEVATION FROM:	CHECKED BY:	JL

DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION	USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
			SBP-SO-320-0002 12/5/03 @ 1005		Loose	Red - Brown	SAND – some silt, trace gravel; fine-medium sand, trace coarse sand, poorly graded, fine gravel to ¼" diameter,	SM/Fill	Dry; Grass/root plug =	(**-) (**-**/)
			DUP 02 @ 1008 Screening, confirmation		Subrounded, roots, grass	Subrounded, roots, grass	+	approximately 3"	FID = 0.0	
1			Confirmation duplicate			+	SAND – fine sand, poorly graded	SP/Fill		PID = 0.0 FID = 0.0
		1.7'	·			Tan				PID = 0.0
2		2 '				1	\			
			SBP-SO-320-0204			Gray -	SAND - trace silt; mostly fine sand, some medium sand, wood		Damp sand	FID = 0.0
			Screening only			Brown	pieces (burned)			PID = 0.0
3			12/5/03			Ţ				
						_	SAND – trace gravel, fine-medium sand, poorly graded, coarse gravel to 1* subrounded, plastic (white) pieces			FID = 0.0
		1.8' 2'				Gray	graver to 1 subtourided, plastic (write) pieces			PID = 0.0
4				1	•			♦		
				EOB @						
				4' bgs						
										-
,										
								*]

TYPE OF DRILLING RIG:	GeoProbe – 4 X 4 Mule		Tetra Tech NUS, Inc.
METHOD OF ADVANCING BORING:	Direct - Push	•	
METHOD OF SOIL SAMPLING:	Macro – Core; Open tube, continuous to 4' in 2' intervals	•	(
METHOD OF ROCK CORING:	N/A	•	 Tt
GROUNDWATER LEVELS:	Not Encountered	•	
OTHER OBSERVATIONS:	Phase I. Flag No. 609; former Landfill area	BORING NO.: 320	PAGE: 1 OF 1

BORING I	LOG FOR:		_Raymark OU9_RI/F	S				BORING NO.:	321	
PROJECT			N1369					START DATE:	12/5/03	 -
LOGGED	BY:		K. Jalkut				TRANSCRIBED BY: LJD	COMPLETION: DATE:	12/5/03	
DRILLED	BY (Compa	any/Driller):	ADT/S. Przybylski			·		MON. WELL NO.:	N/A	
GRD. SUF	RFACE ELE	EVATION:					ELEVATION FROM:	CHECKED BY:	JL	
r					-		1	· · · · · · · · · · · · · · · · · · ·		
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or 'ROCK HARD.	ÇLR	MATERIAL CLASSIFICATION	or ROCK BRKN	(moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
			SBP-SO-321-0002				SAND – trace silt; fine-medium sand, trace coarse sal	nd, poorly SP/Fill	Frozen soil at surface	FID = 0.0
_		2.0'	Screening		Loose	Brown	graded, roots		Dry; Grass to approximately 2"	PID = 0.0
1			12/5/03 @ 1030		 	<u> </u>	Olive III and the second of th			
						Red	Similar to above with brick pieces	Fill		FID = 0.0
						1,60	SAND; Fine SAND, poorly graded	SP/Fill	Dry	PID = 0.0
2						Tan	or was, this or was, poorly graded	GE/FIII	'	FID = 0.0 PID = 0.0
			SBP-SO-321-0204		1	1	SAND – trace sitt			F1D = 0.0
		1.7'	Screening						· ·	
		/ 2'	· .				Similar to above with trace medium sand (brown)			
3			12/5/03 @ 1040			Diagrata	CHTY CAND			
					▼ Dense	Black to Gray	SILTY SAND – some gravel, fine-coarse sand, silt, fin gravel 0.5"-1.25" subrounded, charcoal-like pieces	e-coarse SM/Fill	Dry	FID = 0.0
				11 11	Delise	Citay	grant the constant of the cons		Lity	PID = 0.0
4										
				EOB @	1				<u> </u>	
				4' bgs				1		
				11						
				1						L
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										1
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					1					
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					1			,		
										L
					. 1					
			L							L
TYPE OF	DRILLING I	RIG:	GeoProbe - 4 X 4 Mu	le					Tetra Tech	NUS Inc
METHOD	OF ADVAN	ICING BORIN	IG: Direct - Push						7022 7007	
METHOD	OF SOIL S	ampling:	Macro Core; Open t	ube, continuo	ous to 4' in 2' in	tervals				-)
METHOD	OF ROCK	CORING:	N/A							
GROUND	WATER LE	VELS:	Not Encountered			-				シ
OTHER C	BSERVATI	ONS:	Phase I. Flag No. 589	; former Land	tfill area			BORING NO.: 321	PAGE.	1 OF 1

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PROJECT NO: N1398	BORING L	OG FOR:		Raymark OU9 RI/F	S					BORING NO.:	322		
Cognes Description Control C	PROJECT	NO.:		N1369									
ADT/S. Przykyfeld	LOGGED	BY:		K. Jalkut			_		TRANSCRIBED BY: LJD				
BLOWS SAMPLING CHARGE ELVATION FROM CHECKED BY JETHORS SAMPLING CHARGE TIME CHARGE TO NA SAMPLING CHARGE THE C	DRILLED	BY (Compa	any/Driller):	ADT/S. Przybylski									
BLC/MC SAMP REC F									ELEVATION FROM:				
DEPTH PER REC. TAME MATL DENSITY CASSIFICATION DENSITY D					Character Street	100		7-2-1-2-1-2-1-2-1-2-1-2-1-2-1-2-1-2-1-2-		Marine many management of the second			
SSP-S0-93-20022 Screening 1 12503 @ 1500 Tan Dense Brown 1 12503 @ 1500 SSP-S0-93-20024 SSP-S0-93-20024 Sorrecting 1 12503 @ 1500 SSP-S0-93-20024 SSP-S0-	(FEET)	PER 6"	REC. / SAMP	TIME & SAMPLE NO.	MAT'L CHG./ WELL	DEN CON or F	ISITY/ NSIS. ROCK	CLR		or ROC	(moistun K geologi	e condition; odors; cal classification;	SCREENING DATA METHOD =
1 12/603 @ 1050 File > No. File > SAND - Fine-seard, poorly graded SP(Fill D = 0.0 Dry = No. File > No. File							- 1			se sand SP/F	Grass pla	ug =	FID = 0.0
Dense Brown SILTY SAND - spring yield Similar to abrow, with metal debris, regments/fillings to ½* PiD - NR* PiD -	1					<u></u> ,	.		SAND - Fine-sand, poorly graded		" Dry	ately 4 in.	FID = 0.0
2 Loose Black subrounded to 1*, plastic film pieces SMFill Dry FiD = 0.0 PiD = NR* PiD = N							nse						PID = NR*
Screening 3	2		/ ′	SBP-SO-322-0204		Lo	ose		subrounded to 1", plastic film pieces				PID = NR*
3 12603 @ 1055 18 2 18													
TYPE OF DRILLING RIG: METHOD OF ADVANCING BORING: METHOD OF ROCK CORING: MA RECOMPTION TO ROCK CORING: NA RECOMPTION TO ROCK CORING: NO NO NO RECOMPTION TO ROCK CORING: NO RECOMPTION TO ROCK CORI	3			12/5/03 @ 1055	0 1		0			↓			
TYPE OF DRILLING RIG: METHOD OF ADVANCING BORING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: MAGRIC PUSH MAGRIC PU								Black	SAND – some gravel, fine-coarse well graded sand, fir gravel 0.5"-1.25" cellulose (cardboard pads) filings, gla	ne-coarse SW/F	ill Dry		ł
TYPE OF DRILLING RIG: METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: METHOD OF ROCK	4		/ 2'		FOD @	Ι,	<u> </u>	<u> </u>	—		Chemica	odor at bottom	
METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: N/A Not Encountered Petro Pip down shuts off, too cold * - PID					_								
METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: N/A Not Encountered Petro Pip down shuts off, too cold * - PID													
METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: N/A Not Encountered Petro Pip down shuts off, too cold * - PID											_		
METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: N/A Not Encountered Petro Pip down shuts off, too cold * - PID							_						
METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: N/A Not Encountered Direct - Push *- PID down shuts off, too cold * PID											_		
METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: N/A Not Encountered Direct - Push *- PID down shuts off, too cold * PID						-					*		
METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: N/A Not Encountered Direct - Push *- PID down shuts off, too cold * PID						-							
METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: N/A Not Encountered Petro Pip down shuts off, too cold * - PID													
METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: N/A Not Encountered Petro Pip down shuts off, too cold * - PID	TYPE OF	DRILLING	RIG:	GeoProbe 4 X 4 Mi	ıle					Note:		T-4 T	NUO I
METHOD OF SOIL SAMPLING: Macro – Core; Open tube, continuous to 4' in 2' intervals METHOD OF ROCK CORING: N/A GROUNDWATER LEVELS: Not Encountered OF METHOD OF SOIL SAMPLING: Macro – Core; Open tube, continuous to 4' in 2' intervals N/A Place Final No. 610. femal Step Ste	l .										s off ton cold	retra rech	NUS, Inc.
METHOD OF ROCK CORING: N/A GROUNDWATER LEVELS: Not Encountered OTHER OPERINATIONS: Discountered In the control of the contro					tube, continu	ous to 4	' in 2' in	tervals			J 511, 100 0010		$\overline{}$
GROUNDWATER LEVELS: Not Encountered OTHER OPERINATIONS: Discountered	i .						_			a -1			
OTHER COCCEDIATIONS. Bear I Flow No. 640. famour of efficacy										_			
				Phase I. Flag No. 610	; former Land	dfill area	9		-	BORING NO.: 32	22	PAGF ⁻	1 OF 1

PROJECT LOGGED DRILLED	BY:	any/Driller): EVATION:	Raymark OU9 Rt/l N1369 K. Jalkut Aquifer Drilling & T		rzybylski		BORING N START DA TRANSCRIBED BY: RAC COMPLET MON. WE ELEVATION FROM: CHECKET	TE: ION: DATE: .L NO.:	323 12/8/03 12/8/03 N/A JD	
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS) SBP-SO-323-0002	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD. Loose	CLR Red	MATERIAL CLASSIFICATION Ballifield – Grass Surface SAND, some silt	USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.) Grass/root plug	FIELD SCREENING DATA METHOD = [FID, (PPM)] FID = 0.0
1		2.0' 2.0'	Screening 12/8/03 @ 1253	-	20056	Brown with tan intervals	SAND, fine sand, poorly graded - plastic, white pieces	SP/Fill	approximately 2"	PID = 0.0 PID = 0.0 PID = 0.0 PID = 0.0
2			SBP-SO-323-0204		Dense/ Tight	Brown	Silty SAND, fine-medium sand, trace coarse sand, poorly graded - More fine to coarse sand, well graded, some fine gravel	SM/Fill	Dry	FID = 0.0 PID = 0.0 FID = 0.0
3		1.8' 2.0'	Screening 12/8/03 @ 1257			Brown with Green Tinge	Will a line to coarse saint, was graced, some line graver 1 Will, subangular and subrounded Unidentified green coloration 1 piece coarse gravel, subrounded to 1 ¼" in diameter	J SYNTH	Бу	PID = 0.0 PID = 0.0 FID = 1.0 PID = 0.0
4										
				EOB @ 4' bgs			EOB @ 4' bgs - Backfill with Bentonite (4'-1') and topsoil (1'-0')			
,										
METHOD METHOD	DRILLING F OF ADVAN OF SOIL SA OF ROCK (ICING BORIN AMPLING:	GEOPROBE - 4 X IG: DIRECT- PUSH MACRO-CORE OF N/A		inuous sample	es to 4' in 2' inter	rvals			h NUS, Inc.

Former Landfill Area - Ballfield Grass surface

BORING NO.:

323

GROUNDWATER LEVELS:

OTHER OBSERVATIONS:

Phase I

Flag Number 501

PAGE:

PROJECT LOGGED : DRILLED I	BORING LOG FOR: PROJECT NO.: LOGGED BY: DRILLED BY (Company/Driller): GRD. SURFACE ELEVATION:		Raymark OU9 RI/ N1369 J. Lambert Aquifer Drilling &		b Ullmann		TRANSCRIBED BY: RAC ELEVATION FROM:	BORING NO.: START DATE: COMPLETION: DATE: MON. WELL NO.: CHECKED BY:	323A 1/27/04 1/27/04 N/A JD	
DEPTH (FEET) 0	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS) SBP-SO-323A-0002 Full Suite less dioxin and SPLP 1/27/04 @ 1045	DEPTH MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION Baseball Field Refer to Boring Log Number 323 for soil profile deta	USCS or ROCK BRKN ails from 0' 4' bgs	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)] PID = 0.0 FID = 0.0
2			SBP-SO-323A-0204 Full Suite less dioxin and SPLP 1/27/04 @ 1120	-						
4 5		1.8'	SBP-SO-323A-0406 Full Suite less dioxin and SPLP 1/27/04 @ 1200		Slightly Dense	Dark Brown Black	0.0' – 1.7' – Fine sandy SILT 1.7' – 1.8' – Silty fine-medium SAND, some organicharcoal	ML ics (roots), trace SM/Fill	Moist Slight organic odor	PID = 0.0 FID = 9.1
6		1.2' 2'	SBP-SO-323A-0608 Full Suite less dioxin and SPLP 1/27/04 @ 1350		Slightly Loose Slightly Dense	Dark Brown	0' 0.4' Fine sandy SILT, some organic roots 0.4' 0.5' Similar material to above, some glass f	ML fragments ML/Fill		PID = 0.0 FID = 4.0

TYPE OF DRILLING RIG:	GEOPROBE – Track- mounted (Rig 2)	_ Note:	Tetra Tech NUS. Inc.
METHOD OF ADVANCING BORING:	DIRECT- PUSH	_ Full Suite = SVOCs, Pesticides/PCBs.	
METHOD OF SOIL SAMPLING:	MACRO-CORE Open tube continuous samples in 2' intervals	metals, dioxin, SPLP	(-m_
METHOD OF ROCK CORING:	N/A	metals and PCBs,	
GROUNDWATER LEVELS:	Approximately 7.5 bgs	asbestos, and VOCs	
OTHER OBSERVATIONS:	Phase II Flag Number 501 Former Landfill Area - Baseball Field PID = B FID = E	BORING NO.: 323A	PAGE: 1 OF 1

0.5' -0.6' - Fine-medium SAND, some silt,

0.6' - 1.2' - Fine to coarse SAND, trace subrounded gravel

1/27/04 @ 1350

Slightly Loose

EOB @ 8' bgs

Black

SP

SW

BORING LOG FOR:	Raymark OU9 RI/FS		BORING NO.:	324
PROJECT NO.:	N1369		START DATE:	12/8/03
LOGGED BY:	K. Jalkut	TRANSCRIBED BY: LJD	COMPLETION: DATE:	12/8/03
DRILLED BY (Company/Driller):	ADT/S. Przybylski		MON, WELL NO.:	N/A
GRD. SURFACE ELEVATION:		ELEVATION FROM:	CHECKED BY:	JL
BLOWS SAMP	SAMPLING DEPTH SOIL		11000	

DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	DEN	OCK	CLR	MATERIAL CLASSIFICATION Ballfield – grass surface	USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		2' 2'	SBP-SO-324-0002 Screening		Loc	ose	Brown	SAND – some silt; fine-medium sand, trace coarse sand, poorly graded	SM/Fill	Grass root plug = approximately 3 in.	FID = 0.0 PID = 0.0
1		/ 2	12/5/03 @ 1300		De	nse	Orange- Yellow	SILTY SAND, fine-medium sand, poorly graded	↓	Dry	FID = 0.0 PID = 0.0
					Loc	ose	Tan	SAND – fine sand, poorly graded, seashells	SP/Fill	Dec	FID = 2.0 PID = 0.0
2							Black	Similar to above with organic roots or possible burned wood		Dry Chemical odor	FID = 2.0 PID = 0.0
		1.8	SBP-SO-324-0204 Screening				Brown	SAND - Fine-coarse sand, well graded, fine-coarse gravel '%"-1" subrounded	SW/Fill		FID = 0.0 PID = 0.0
3		2'	12/5/03				Tan	SAND – fine sand, poorly graded, seashells	SP/Fill		
							+	.		Reddish/purple coloration	FID = 1.2 PID = 0.0
4					↓	,	Black	SILTY SAND – organic fibers, possible other fibers - man-made? Mostly fine sand	SM/Fill	on inside spongy soil	FID = 0.0 PID = 0.0
				EOB @ 4' bgs				EOB @ 4' bgs - Backfill with Bentonite chips 4' - 1' and topsoil 1'- 0'			
	-										
			1110				<u> </u>				
	-]					*		

TYPE OF DRILLING RIG:	GeoProbe 4 X 4 Mule		Tetra Tech NUS, Inc.
METHOD OF ADVANCING BORING:	Direct - Push	-	
METHOD OF SOIL SAMPLING:	Macro - Core; Open tube, continuous to 4' in 2' intervals	-	(
METHOD OF ROCK CORING:	N/A	=	
GROUNDWATER LEVELS:	Not Encountered	-	
OTHER OBSERVATIONS:	Phase I. Flag No. 502; former Landfill area	BORING NO.: 324	PAGE: 1 OF 1

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BORING I			Raymark OU9 RI/F	S				BORING NO.:		325	
PROJECT			N1369					START DATE	:	12/8/03	
LOGGED			K. Jalkut				TRANSCRIBED BY:LJD	COMPLETION	N: DATE:	12/8/03	
DRILLED	BY (Compa	any/Driller):	ADT/S. Przybylski				\ 	MON. WELL I	NO.:	N/A	
GRD. SUF	RFACE ELE	EVATION:					ELEVATION FROM:	CHECKED BY	/ :	JL	
							parameter and the same and the same of the same and the s	to account to the second register control of the second register of			
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP	SAMPLING TIME & SAMPLE NO.	MAT'L CHG./	DENSITY/ CONSIS.		MATERIAL CLASSIFICATION		USCS or ROCK	REMARKS (moisture condition; odors; geological classification;	FIELD SCREENING DATA
0	N/A	LENG.	(QA/QC STATUS)	WELL PROF'L	or ROCK HARD.	CLR	Ballfield – grass surface		BRKN	rock weathering; etc.)	METHOD = [FID, (PPM)]
		40' /	SBP-SO-325-0002		1	D	SAND – some silt; fine-medium sand, trace coarse sand graded, roots	i, poorly	SM/Fill	Grass/root plug =	FID = NR*
		1.9'	Screening		Loose	Brown Red	graded, rods			approximately 5"	PID = 0.0
1		/ 2	12/8/03 @ 1315		Dense	Brown				Dry	FID = NR PID ≃ 0.0
					↓		Similar to above, trace coarse gravel, subrounded to 1.2	5 in.	*		FID = NR PID = 0.0
2					Loose	Tan	SAND – trace silt, poorly graded, seashells		SP/Fill	Dry	113 3.0
		2' /	SBP-SO-325-0204			Dark Brown	SAND - trace silt, trace gravel	-			FID = NR
		2'	Screening	1		1	Similar to above; Fine-medium sand, trace coarse sand,	trace coarse		Dry	PID = 0,0
3		/	12/8/03 @ 1325	1		-	gravel, seashells, plastic pieces		_		
							Similar to about a substitute of the substitute				
4					\ \	₩	Similar to above; subrounded gravel to 1.5", rock fragme trace), brick	ents, (angular-	<u> </u>		↓
		:		EOB @ 4' bgs		L	EOB @ 4' bgs - Backfill with Bentonite chips (4' -1') and	topsoil (1'- 0')			
											<u> </u>
											-
				H							
									\$		
TVDE OF	DRILLING	DIC:	GeoProbe – 4 X 4 Mu	ula .		-					
			· · · · · · · · · · · · · · · · · · ·					Note: *- FID B swit	obod out	Tetra Tech	NUS, Inc.
	OF SOIL S	ICING BORIN	NG: Direct - Push Macro - Core; Open t	uha continu	oue to A' in O' in	atoniolo		PID B ok	cried out		
	OF ROCK		N/A	upe, conunu	Jus to 4 III Z II	itel vals					-
	WATER LE		Not Encountered					 ·		[= 1	-)
			Phase I. Flag No. 480	former Lear	Ifill orec			DOB!!			
OTHER C	BSERVATI	UNO:	rnase i. riag No. 480	, ionn e r Lanc	um area			BORING NO	.: 325	PAGE:	1 OF 1

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BORING L	.OG FOR:		Raymark OU9 R	I/FS					BORING NO.	:	326	
PROJECT	NO.:		N1369						START DATE		12/8/03	
LOGGED	BY:		K. Jalkut				TRANSCRIBED BY:		COMPLETIO		12/8/03	<u> </u>
DRILLED I	BY (Compa	iny/Driller):	ADT/S. Przybylsk	i					MON. WELL		N/A	
	RFACE ELE						ELEVATION FROM:		CHECKED B		JL	
									OFFICE OF E		JL	
DEPTH (FEET) 0	BLOWS PER 6* N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR	CLAS: Ballfield – grass surface	ATERIAL GIFICATION		USCS or ROCK BRKN	REMARKS (moisture condition; odors geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		1.9'	SBP-SO-326-0002 Screening		Loose	Brown Tan	SAND – some silt; fine-medium			SM/Fill	Grass/root plug = approximately 3"	FID = 0.0 PID = 0.0
1		2'	12/8/03 @ 1340	1			SAND-trace gravel, mostly fine-ringraded		oorly	SP/Fill	Dry	FID = 0.0 PID = 0.0
		-					Similar to above with coarse grave Possible processed WASTE - s	·	i64	-	Dry	FID = 0.0 PID = 0.0
2			SBP-SO-326-0204		Dense	Dark	(PACM)	andy sitt-like, with folig sh	iny libers	SM/Fill	Spongy, compressed material	FID = 0.0 PID = 0.0
3		2' 2'	Screening 12/8/03 @ 1345			Brown	SAND – fine-medium sand, poor	ly graded, seashells		¥ \$P/Fill		<u> </u>
					Loose	Tan				3676111		FID = 72 PID = 0.0
4				500.0	+	+		¥		+		
				EOB @ 4' bgs			EOB @ 4' bgs - Backfill with Ber	tonite chips (4' -1') and to	psoil (1'- 0')			
				-								
				-						,		
TYPE OF D	RILLING RI	G:	GeoProbe - 4 X 4	<i>l</i> iule					Notes:		Tetra Te	ch NUS, Inc.
METHOD C	F ADVANC	ING BORING	G: Direct - Push				, , , , , , , , , , , , , , , , , , , 	- 	PACM = Po	otential asb	estos-	on NOS, mg.
METHOD C	F SOIL SAI	MPLING:	Macro - Core; Ope	n tube, contin	nuous to 4' in 2'	'intervals		· · · · · · · · · · · · · · · · · · ·		ontaining ma		
	F ROCK CO		N/A						-			
	VATER LEV		Not Encountered						-			
OTHER OBSERVATIONS: Phase I. Flag No. 453; former Landfill area									BORING NO	D.: 326	PAGE:	1 OF 1

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BORING L	OG FOR:		Raymark OU9 RI/I	FS				BORING NO	.:	327	
PROJECT	NO.:		N1369					START DATE		12/8/03	
LOGGED	BY:		K. Jalkut			-	TRANSCRIBED BY: LJD	COMPLETIC			
DRILLED	BY (Compa	any/Driller):	ADT/S. Przybylski	· · ·				MON. WELL		N/A	
GRD. SUF							ELEVATION FROM:	CHECKED B			
						1				The second secon	
DEPTH	BLOWS PER	SAMP REC.	SAMPLING TIME	DEPTH	SOIL				USCS	REMARKS	FIELD
(FEET)	6"	1	&	MAT'L CHG./	DENSITY/ CONSIS.	1	MATERIAL CLASSIFICATION		Or	(moisture condition; odors;	SCREENING
		SAMP	SAMPLE NO.	WELL	or ROCK	CLR	CLASSINGATION		ROCK BRKN	geological classification; rock weathering; etc.)	DATA METHOD =
0	N/A	LENG.	(QA/QC STATUS)	PROF'L	HARD.		Ballfield – grass surface			Jour Houstoning, Cto.)	[FID, (PPM)]
			SBP-SO-327-0002		1 .	Dark Brown	SAND - trace silt, roots, mostly fine sand, trace me	dium sand,	SP/Fill	Grass/root plug =	FID = 0.0
		1.9'	Screening		Loose	BIOWII	poorly graded			approximately 4"	PID = 0.0
1		/ 4	12/8/03 @ 1405		1 1	Tan	SAND – trace gravel, fine sand, trace medium sand fine subrounded gravel (quartz pebble) to ½", seast			Dry	FID = 0.0
			12/0/03 (@ 1403	-		1 11	The substantial graver (quality popular) to 72; dodds		-		PID = 0.0
				İ						Dry	
											
2					₩	▼			♥		♦
			SBP-SO-327-0204	1	5	Dark	Spongy possible processed material similar to silty	sand with brick,	SM/Fill		FID = 0.0
		2'	Screening		Dense	brown	glass, plastic, wood, shiny fibers and dull (organic lil	ke) fibers		D=.	PID = 0.0
		2'								Dry	FID ≈ 0.0
3			12/8/03 @ 1410	4		<u> </u>					PID = 0.0
							<u> </u>		1	Dry	FID = 42
						_	SAND – fine sand, trace medium sand, poorly grade	nd soonball	SP/Fill	. Diy	PID = 0.0
4					Loose	Tan	OAND - line saild, trace triedldin saild, poorly grade	eu, seasneii	SP/FIII		FID = 0.0 PID = 0.0
				EOB @		1					PID = 0.0
				4' bgs			EOB @ 4' bgs - Backfill with Bentonite chips (4' -1')	and topsoil (1'- 0')			
				_							
						1					
· · · · · · · · · · · · · · · · · · ·				1							
						1					
									,		· · · · ·
		ł				1					
						1					<u> </u>
TYPE OF	DRILLING	RIG:	GeoProbe 4 X 4 Mi	ule						Tetra Tecl	h NUS, Inc.
1		ICING BORIN	IG: Direct - Push							1000 1601	71400, mc.
	OF SOIL S		Macro - Core; Open	tube, continu	ous to 4' in 2' i	ntervals					-)
1	OF ROCK		N/A								
	WATER LE		Not Encountered		·						シ
	BSERVAT		Phase I. Flag No. 45:	2, former Lan	dfill area			BORING N	O.: 327	PAGE:	1 OF 1
											. 0, 1

TtNUS Form 0018

BORING LOG FOR: PROJECT NO.: LOGGED BY: DRILLED BY (Company/Driller): GRD. SURFACE ELEVATION:		Raymark OU9 RI/I N1369 K. Jalkut ADT/S. Przybylski	FS			BORING NO.: START DATE: TRANSCRIBED BY: LJD COMPLETION MON. WELL N ELEVATION FROM: CHECKED BY:			E: 12/8/03 N: DATE: 12/8/03 NO.: N/A		
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS, or 'ROCK HARD.	CLR	MATERIAL CLASSIFICATION Ballfield – grass surface SAND – trace silt, roots; fine-medium sand, poorly	graded, organic	USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.) Grass/root plug =	FIELD SCREENING DATA METHOD = [FID, (PPM)] FID = 0.0
1			SBP-SO-328-0002		Loose	Brown Tan/ gray	SAND – Fine-medium sand, poorly graded, seashe	ills		approximately 4" Dry	PID = 0.0
2		1.8' 2'	Screening and confirmation 12/8/03 @ 1420							Dry	FID = 0.0 PID = 0.0
3										Damp	
		2' 2'	SBP-SO-328-0204 12/8/03 @ 1425 Screening & screening (DUP03) @ 1430		Dense	Dark brown	SAND – trace silt, fine-coarse sand, well graded		SW/Fill	Damp	FID = 0.0 PID = 0.0
4			(POI 00) (@ 1700	EOB @ 4' bgs	*	V	EOB @ 4' bgs - Backfill with Bentonite chips (4' -1')	and topsoil (1'- 0')	*		V
						-					
TYPE OF			Cooperate A V 4 MA								

TYPE OF DRILLING RIG:	GeoProbe – 4 X 4 Mule		Tetra Tech NUS, Inc.
METHOD OF ADVANCING BORING:	Direct - Push		
METHOD OF SOIL SAMPLING:	Macro Core; Open tube, continuous to 4' in 2' intervals		()
METHOD OF ROCK CORING:	N/A		#T
GROUNDWATER LEVELS:	Not Encountered		
OTHER OBSERVATIONS:	Phase I. Flag No. 451; former Landfill area	BORING NO.: 328	PAGE: 1 OF 1

BORING L			Raymark OU9 RIA	FS				BORING NO.:		329	
PROJECT	_		N1369 K. Jalkut					START DATE:		12/8/03	
LOGGED		any/Driller):			-			COMPLETION: DA	TE:	12/8/03	
	RFACE ELE		ADT/S. Przybylski		 			MON. WELL NO.:		N/A	
GKD. SUF	KFACE ELE	EVATION:		4			ELEVATION FROM:	CHECKED BY:		JL	
DEPTH (FEET)	BLOWS PER 6"	SAMP REC.	SAMPLING TIME &	DEPTH MAT'L	SOIL DENSITY/		MATERIAL	USC		REMARKS (moisture condition; odors;	FIELD SCREENING
0	N/A	SAMP LENG.	SAMPLE NO. (QA/QC STATUS)	CHG./ WELL PROF'L	CONSIS. or ROCK HARD.	CLR	CLASSIFICATION Ballfield – infield	ROG BRI		geological classification; rock weathering; etc.)	DATA METHOD = [FID, (PPM)]
		2' /2'	SBP-SO-329-0002 Screening		Loose	Orange - Brown	SAND – trace gravel, mostly fine-medium sand, trace coar fine gravel subrounded to ½ *	se sand, SP/	Fill	Dry; no grass plug	FID = 0.0 PID = 0.0
1		/ -	12/8/03 @ 1450		Dense/ Tighter	Brown	SAND – trace silt; fine – medium sand, poorly graded			Damp	FID = 0.0 PID = 0.0
								i		Dry	
2					Loose	Tan- Gray	SAND – no silt, seashells				FID = 0.0 PID = 0.0
		2'	SBP-SO-329-0204 Screening			Orange- Вrowп	SAND - Fine-medium sand, poorly graded			Intervals of dark brown fine-medium sand ½" thick	
3		2'	12/8/03 @ 1455			Tan/gray	Similar to above, with seashells			ine-medium sand /2 inick	FID = 37 PID = 0.0
						Dark	Similar to above, with trace coarse sand			Dry	5ID - 0 0
4				EOB @	★		omma to above, that accordance same		,		FID = 2.0 PID = 0.0
				4' bgs			EOB @ 4' - Backfill with Bentonite chips (4' -1') and topso	il (1'- 0')			
							-				
								•			
											<u> </u>
				1							:
									\$		
											
TYPE OF	DRILLING I	RIG:	GeoProbe - 4 X 4 M	lule					-	Tetra Tech	NUS Inc
METHOD	OF ADVAN	ICING BORIN	IG: Direct - Push							10.10 7007	
METHOD	OF SOIL S	AMPLING:	Macro - Core; Open	tube, contir	nuous to 4' in 2	' intervals					•)
METHOD	OF ROCK	CORING:	N/A								
GROUND	WAȚER LE	VELS:	Not Encountered								
OTHER C	BSERVATI	ONS:	Phase I. Flag No. 47	9; former La	andfill area			BORING NO.: 3	329	PAGE:	1 OF 1

PROJECT NO.: LOGGED BY: DRILLED BY (Company/E GRD. SURFACE ELEVAT		Raymark OU9 R N1369 K. Jalkut ADT/S. Przybylsk				TRANSCRIBED BY:	BORING NO.: START DATE: COMPLETION: DATE: MON. WELL NO.: CHECKED BY:		330 12/8/03 12/8/03 N/A JL	
DEPTH PER F (FEET) 6" S		SAMPLING TIME & SAMPLE NO. (QA/QC STATUS) BP-SO-330-0002	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR Red -	MATERIAL CLASSIFICATION Ballfield – grass surface SAND – trace sitt, roots, fine-medium sand		or ROCK BRKN	(moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
1 2'	/ _{2'} s	creening 2/8/03 @ 1505		Loose	Brown Orange - Brown	SAND – some silt, trace gravel; fine-medium sand, trace fine gravel to ½" subrounded	e coarse sand,	SP/Fill	Grass/root plug = approximately 3" Dry	FID = 0.0 PID = 0.0 FID = 0.0 PID = 0.0
2 2'	2' S	BP-SO-330-0204 creening		Dense Loose	Brown Tan- Gray	SAND – fine-medium sand, poorly graded, seashells		SP/Fill	Dry	FID = 0.0 PID = 0.0
4	12	2/8/03 @ 1510	EOB @	Dense	Dark brown	Spongy possible processed waste material. Silty sand (PACM)	· ·	SM/Fill	Damp Damp	FID = 0.0 PID = 0.0
			4' bgs			EOB @ 4' bgs - Backfill with Bentonite chips (4' -1') and	1 topsoil (1'- 0')			
								<u> </u>		
TAKES OF DELLING PIC.		0D1AVA								
TYPE OF DRILLING RIG: METHOD OF ADVANCING METHOD OF SOIL SAMPLI METHOD OF ROCK CORIN GROUNDWATER LEVELS: OTHER OBSERVATIONS:	GeoProbe – 4 X 4 I Direct - Push Macro – Core; Ope N/A Not Encountered Phase I. Flag No. 4	n tube, cont		2' intervals		Note: PACM = potential asbestos containing material BORING NO.: 330 PAGE: 1			TE	

BORING L	OG FOR:		Raymark OU9 F	RI/FS			BOE	RING NO.:		331			
		N1369				START DATE:			12/9/03				
-		K. Jalkut				TRANSCRIBED BY: LJD COMPLETION		DATE	12/9/03				
DRILLED BY (Company/Driller):		ADT/S. Przybyls	ki				N. WELL NO		N/A				
GRD. SURFACE ELEVATION:								ECKED BY:	-	197			
													
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP	SAMPLING TIME & SAMPLE NO.	MAT'L CHG./ WELL	DENSITY/ CONSIS. or ROCK	CLR	MATERIAL CLASSIFICATION		USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock	FIELD SCREENING DATA		
0	N/A	LENG.	(QA/QC STATUS)	PROF'L	HARD.	ULI.	Ballfield – infield		DKKN	weathering; etc.)	METHOD = [FID, (PPM)]		
		2' /	SBP-SO-331-0002 Screening		Dense	Red - Brown	SAND – some silt; fine-medium sand, trace coarse sand, roots		SM/Fill	Grass/root plug = approximately 4"	FID = 212 PID = 0.0		
1		2'	12/9/03 @ 1040			1	1			Dry	FID = 48 PID = 0.0		
]	Loose	Tan- Gray	SAND – fine-medium sand, trace coarse sand, seashells, wood glass piece to 1", poorly graded	d chunk,	SP/Fill	Dry	FID = 22 PID = 0,0		
2							—		*	Possible Chemical odor	FID = 8 PID = 0.0		
			SBP-SO-331-0204 Screening		Dense	Dark	SAND – some silt, some gravel, mostly fine-medium, trace coal crushed stone, trap rock to 1.5", reeds, organics, seashells	rse sand,	SM/Fill	Matted spongy soil,	FID = 84 PID = 0.0		
3			12/9/03 @ 1045		Loose	Tan - gray	SAND – Fine-medium sand, poorly graded		•	organic fibers noted Dry	FID = 24 PID = 0.0		
						Dark brown	SAND, some gravel, fine-medium sand, fine-coarse gravel sublight 3.1", poorly graded	rounded	SP/Fill	Possible Chemical odor			
4						Tan - gray	SAND – fine-medium sand, poorly graded, seashells		*	Dry	FID = 4.2 PID = 0.0		
				EOB @ 4' bgs			EOB @ 4' bgs - Backfill with Bentonite chips (4' -1') and topsoi	il (1'- 0')					
				-	:								
									-				
-						-							
		···				Į.							
ľ	DRILLING		GeoProbe 4 X 4	Mule						Tetra Tech	NUS, Inc.		
METHOD	OF ADVAN	CING BORIN									_		
METHOD	OF SOIL S.	ampling:	Macro - Core; Op	en tube, con	tinuous to 4' in	2' intervals					L .		
METHOD OF ROCK CORING:			N/A										
GROUND	WATER LE	VELS:	Not Encountered	Not Encountered									

OTHER OBSERVATIONS:

Phase I. Flag No. 552; former Landfill area

1 OF

PAGE:

BORING LOG FOR: PROJECT NO.: LOGGED BY: DRILLED BY (Company/Driller): GRD. SURFACE ELEVATION:		Raymark OU9 RI/I N1369 J. Lambert			_	TRANSCRIBED BY: RAC	BORING NO.: START DATE: COMPLETION: DATE	332 12/09/03 :: 12/09/03		
		Aquifer Drilling & To	esting/Rob (Ullmann	_	ELEVATION FROM:	MON. WELL NO.: CHECKED BY:	N/A T. Dorgan		
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS) SBP-SO-332-0002	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD. Slightly	CLR	MATERIAL CLASSIFICATION 0' – 0.2' – Silty fine-coarse SAND	OF ROCK BRKN	(moisture condition; odors;	FIELD SCREENING DATA METHOD = [FID. (PPM)] PID = 1.7
1		1.4'	Screening 12/9/03 @ 1050		Loose	<u> </u>	0.2' – 1.4' – Fine-Medium SAND, Shell layer at 1	.3' SP	-	FID = 0.0
										PID = 0.5 FID = 0.0
2						Tan	0' 1.2' - Fine-Medium SAND		Moist-Wet	PID = 0.6
3			Screening Confirmation 12/9/03 @ 1055						-	FID = 0.0
		2' 2'	SBP-SO-332-0204			Dark Brown	1.2' 2' - Silty fine SAND, possible stained, trac fragments	ce glass SM/Fill	No odor	PID = 1.0 FID = 3.7
4				EOB @ 4' bgs						
-										
,								*		
									-	
1	DRILLING F		GeoProbe Track M	ounted (Rig 2	2)			_	Tetra Tec	h NUS, Inc.
METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: GROUNDWATER LEVELS:			Macro - Core - Oper	tube continu	uous to 4' in 2' i	ntervals		- - -	T	t)
	WATER LE		Phase 1. Flag Numbe	er 476 – Form	ner landfill area	, Ballfield FID	/PID - C	BORING NO 332	PAGE	1 05 1

PROJECT LOGGED DRILLED	RRING LOG FOR: ROJECT NO.: ROJECT NO.: ROJECT NO.: ROJECT NO.: N1369 K. Jalkut Aquifer Drilling & Testing/S. Przybylski RD. SURFACE ELEVATION:						BORING NO.: 333 START DATE: 12/9/03 TRANSCRIBED BY: RAC COMPLETION: DATE: 12/9/03 MON. WELL NO.: N/A ELEVATION FROM: CHECKED BY: JL		
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	DE NSITY/ CONSIS. or ROCK HARD.	CLR	CLASSIFICATION ROCK odors; geological classification; rock	FIELD CREENING DATA METHOD = FID, (PPM)]	
		1.8' 2'	SBP-SO-333-0002 Screening		Loose	Dark Brown	SAND, trace silt, trace gravel. Fine-medium mostly, some coarse sand, SW/Fill Grass/root plug =	FID PID 0.0 0.0	
1			12/9/03 @ 1120	1		▼ Tan – Gray	Dark Brown coloration (1"	0.0 0.0	
2				_		Dark Brown	SAND. Fine-medium sand mostly, some coarse sand, seashells SW/Fill Sand) along interval		
		2'	SBP-SO-333-0204 Screening			Tan Gray	SAND. Mostly fine-medium sand, poorly graded, seashell fragments, charcoal pieces SP/Fill One 1" interval of dark brown matted material with fibers (possible PACM)	0.0 0.0	
3			12/9/03 @ 1125	-			Damp	4.8 0.0	
4				EOB @	 	 			
				4' bgs			EOB @ 4' bgs – Backfill with bentonite chips (4'-1') and topsoil (1'-0')	<u> </u>	
				-	<u> </u>				
			:				,		
		<u> </u>	<u></u>						
TYPE OF DRILLING RIG: METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING:				ntinuous sampl	es to 4' in 2' ir	Note: PACM - Potential asbestos containing material Tetra Tech N	JS, Inc.		
GROUNDWATER LEVELS: Not encountered OTHER OBSERVATIONS: Phase Flag Number 450 Former Landfill A					Form	ner Landfill Ar	BORING NO.: 333 PAGE: 1		

BORING LOG FOR: PROJECT NO.: LOGGED BY: DRILLED BY (Company/Driller): GRD. SURFACE ELEVATION: Raymark OU9 RI/FS N1369 J. Lambert Aquifer Drilling & Testing/Rob Ullmann							TRANSCRIBED BY: RAC ELEVATION FROM:	BORING NO.: START DATE: COMPLETION: I MON. WELL NO CHECKED BY:	333A 1/20/04 1/20/04 N/A JD			
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION		USCS or ROCK BRKN	(mois odor class	EMARKS ture condition; s; geological ification; rock thering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
			SBP-SO-333A-0002 Full Suite				Refer to Boring Log Number 333 for soil profile del	ails from 0' – 4' bgs			<u> </u>	
1			1/20/04 @ 1400	-								
2												
			SBP-SO-333A-0204 Full Suite									
3			1/20/04 @ 1420									-
4						<u> </u>	 			l,		
7		1.9'	SBP-SO-333A-0406 Full Suite		Slightly Loose	Gray	0' - 1.1' - Fine-medium SAND, trace shell fragmen	nts	SP 	Moist		PID = 0.0 FID = 0.0
5		2'	1/20/04 @ 1435			Dark Gray	1.1' – 1.7' – Fine-medium SAND, trace silt					
							1.7' – 1.9' – Fine-medium SAND					
6				EOB @ 6' bgs		· · · ·			•		· · · · · · · · · · · · · · · · · · ·	
									>			
TYPE OF	ORILLING F	llG:	GEOPROBE – Trad	ck- mounted	(Rig 2)			Note:			Tetra Teci	n NUS, Inc.
METHOD METHOD METHOD	OF ADVANC OF SOIL SA	CING BORIN MPLING: ORING:				es in 2' interva	ils	metals	s, Pesticid , dioxin, S and PCBs os, and V0	SPLP S. I		t
OTHER O			Phase II Flag Nu	ımber 450	Former La	andfill Area –	Outside of Baseball Field FID/PID = C	BORING NO.: 33	3A		PAGE:	1 OF 1

BORING LOG FOR:

Raymark OU9 RI/FS

BORING I	OG FOR:		Raymark OU9 RI/	'FS						BORING NO	.:	334	
PROJEC1	ROJECT NO.: N1369							START DATE	E:	12/09/03			
LOGGED	BY:		J. Lambert		_				TRANSCRIBED BY: RAC	COMPLETIC	N: DATE:	12/09/03	
DRILLED	BY (Compa	any/Driller):	Aquifer Drilling & T	esting/Rob l	Jilmann	1				MON. WELL		N/A	
	RFACE ELE								ELEVATION FROM:	CHECKED B		T. Dorgan	
	F												
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENS CON or R	SITY/ ISIS. OCK	CLF	₹	MATERIAL CLASSIFICATION		USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
			SBP-SO-334-0002	1	Slig		Brow	'n	0' - 0.6' - Silty fine SAND, grass/roots in top 0.2		SM	Moist	PID = 0.0
1		1.5'	Screening 12/9/03 @ 1125		Loc	ose							FID = 0.5
						Ì	Gra	у	0.6' - 1.3' - Fine SAND, trace shells		SP		PID = 7.1 FID = 0.0
2							Dari Brow		1.3' – 1.5' – Silty fine SAND, trace coarse sand a	and gravel	SM		
		2'	SBP-SO-334-0204 Screening				Gra	у	Fine SAND, trace shells, layers of silty fine SANI sand and gravel (1" thick) throughout	D, trace coarse	SP		PID = 0.0 FID = 0.1
3		2	12/9/03 @ 1130										
													PID = 0.0 FID = 0.0
4						,	\	•	•		—		
			,	EOB @ 4' bgs									
								·					
-				1									
1		-		1									
											,		
				<u> </u>									
	RILLING RI		GeoProbe - Track N	Mounted (Rig 2	2)							Tetra Teci	n NUS, Inc.
METHOD C	OF ADVANC OF SOIL SAM OF ROCK CO VATER LEVI	ORING:	Direct – Push Macro – Core – Ope N/A	en tube continu	ious to 4	f' in 2' ii	ntervals			_ _ _		T	t
	SERVATIO		Phase 1, Flag Numb	er 428: Forme	er Landf	ill area. I	Basebali	Fiel	1 FID/PID - C	BORING NO	334	BACE	- OF 4

BORING LOG FOR:	Raymark OU9 RI/FS		BORING NO.:	335
PROJECT NO.:	N1369		START DATE:	12/9/03
LOGGED BY:	K. Jalkut	TRANSCRIBED BY: LJD	COMPLETION: DATE:	12/9/03
DRILLED BY (Company/Driller):	ADT/S. Przybylski		MON. WELL NO .:	N/A
GRD. SURFACE ELEVATION:		ELEVATION FROM:	CHECKED BY:	JL

i	BLOWS	SAMP	CAMPLING				E IE AL	
DEPTH	PER	REC.	SAMPLING TIME	DEPTH	SOIL		USCS REMARKS	FIELD
(FEET)	6"	KEO.	8 8	MAT'L	DENSITY/		MATERIAL or (moisture condition;	SCREENING
((((((((((((((((((((SAMP	SAMPLE NO.	CHG./	CONSIS.		CLASSIFICATION ROCK odors; geological	DATA
6	N/A	LENG.	(QA/QC STATUS)	WELL	or ROCK	CLR	BRKN classification: rock	METHOD =
			<u> </u>	PROFL	HARD.		Ballheid – outfield weathering; etc.)	[FID, (PPM)]
1			SBP-SO-335-0002			Red -	SAND – trace silt, fine-medium sand, poorly graded, roots SP/Fill Grass/root plug =	FID = 0.0
		1.7'	Screening		Loose	Brown	approximately 4"	PID = 0.0
		2'	i		1	Tan-	SAND Fine-medium sand, poorly graded, seashells	FID = 0.0
1			12/9/03 @ 1142			Gray	Dry	PID = 0.0
								
							Damp	
								FID = 0.0
2					<u> </u>		▼	PID = 0.0
			SBP-SO-335-0204				SAND – Fine-medium sand, poorly graded, trace seashell fragments	FID = 1.5
		1.7'	Ci		l i	i i	Wet	PID = 0.0
-		/ 2'	Screening					1.12 0.0
3			12/9/03 @ 1146			↓		
								FID = 1.8
						Dark brown		PID = 0.0
								FID = 1.4
4						▼	♦ ♦	PID = 0.0
				EOB @				110 - 0.0
				4' bgs			EOB @ 4' bgs - Backfill with Bentonite chips (4' -1') and topsoil (1'- 0')	
								
								
							· ·	
, ,								
L								

TYPE OF DRILLING RIG:	GeoProbe 4 X 4 Mule		Tetra Tech NUS, Inc.
METHOD OF ADVANCING BORING:	Direct - Push		7000 7000, 1110.
METHOD OF SOIL SAMPLING:	Macro – Core; Open tube, continuous to 4' in 2' intervals		(
METHOD OF ROCK CORING:	N/A		31C.
GROUNDWATER LEVELS:	Not Encountered		
OTHER OBSERVATIONS:	Phase I. Flag No. 477; former Landfill area	BORING NO.: 335	PAGE: 1 OF 1

BORING L PROJECT LOGGED I DRILLED I GRD. SUR	NO.: 3Y: 3Y (Compa		Raymark OU9 RI/ N1369 J. Lambert Aquifer Drilling and		o Ullmann	<u> </u>	TRANSCRIBED BY: RAC ELEVATION FROM:	BORING NO.: START DATE: COMPLETION: DATE: MON. WELL NO.: CHECKED BY:	336 12/09/03 12/09/03 N/A T. Dorgan	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION	USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
1		1.5' 2'	SBP-SO-336-0002 Screening 12/9/03 @ 1155		Slightly Dense	Brown	0' – 0.8' – Silty fine SAND	SM		PID = 0.0 FID = 1.8
	-					Gray	0.8' – 1.5' – Fine-Medium SAND, some shells	SP/Fill		PID = 0.0 FID = 2.3
2		1.9'	SBP-SO-336-0204 Screening			Dark Brown	Silty, slightly dense material – when opened, small exposed - PACM	fibers		PID = 2.4 FID = 69.9
3		, 2	12/9/03 @ 1200	-						
4				EOB @	—		V			
				4' bgs						
,								٨.		
TYPE OF D METHOD O METHOD O GROUNDV	OF ADVANC OF SOIL SA OF ROCK O VATER LEV	CING BORIN MPLING: ORING: /ELS:	GeoProbe - Track r G: Direct - Push Macro - Core - oper N/A Phase 1 Flag Number	n tube continu	ous to 4' in 2' in		N SIDPID C	Note: PACM = Potentially asbest containing materia	os	t NUS, Inc.

BORING I	LOG FOR:		Raymark OU9 RI/	'FS				BORING NO.:		337	
PROJECT	NO.:		N1369		• •			START DATE:		12/9/03	
LOGGED	BY:		K. Jalkut				TRANSCRIBED BY: RAC	COMPLETION:	DATE:	12/9/03	
DRILLED	BY (Compa	any/Driller):	Aquifer Drilling &	Testing/Rob	Ullmann			MON. WELL N	0.:	N/A	
	RFACE ELI		·				ELEVATION FROM:	CHECKED BY:		JD	
								J. J. Sept. 1 (2000)			-
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL	DENSITY/ CONSIS. or ROCK	CLR	MATERIAL CLASSIFICATION		USCS or ROCK BRKN	(moisture condition; odors; geological classification; rock	FIELD SCREENING DATA METHOD =
0	NA	LENG.		PROF'L	HARD.		Ballfield - Outfield			weathering; etc.)	[FID, (PPM)]
		1.8'	SBP-SO-337-0002 Screening		Dense	Red Brown	SAND, some silt, fine medium sand, poorly graded,	organic roots	SM/Fill	Grass/Root plug = approximately 4"	FID = 0.0 PID = 0.0
1		2.0'	12/9/03 @ 1235		Loose	Brown Tan Gray	SAND, fine medium sand, poorly graded, seashells		SP/Fill	Damp	
					Dense	Dark Brown	Sitty SAND, compressed matted material, spongy lo like fibers	ng shiny needle	Fill	Reddish – purple on inside	FID = 12.1 PID = 0.0
2										- Waste, PACM	FID = 178.1 PID = 0.0
		2.0'	SBP-SO-337-0204 Screening and Confirmation		Loose	Gray Brown	SAND, some gravel, fine coarse sand, well graded, subrounded gravel ½ - 1 ½"	fine coarse	SP/GP	Dry	FiD = 1.3 PID = 0.0
3		/ 2.0	12/9/03 @ 1240			1					
						Brown			+	Dry	
4					—	Tan Gray	SAND, fine medium sand, poorly graded		SP/Fill		FID = 0.4 PID = 0.0
				EOB @ 4' bgs			EOB @ 4' bgs - Backfill with Bentonite (4'-1') and to	psoil (1'-0')			
											
					,						
									\$		
TYPE OF	DRILLING I	RIG:	GEOPROBE – 4 X	4 Mule						Tetra Tea	h NUS, Inc.
		CING BORIN						- Note:		reua rec	TI NOS, IIIC.
	OF SOIL SA		MACRO-CORE Or	pen tube conti	inuous sample:	s to 4' in 2' int	ervals	FID/PID = A			-)
	OF ROCK		N/A					PACM - Potentia			T
1								- containi	ng material	1	 ,

Former Landfill Area

BORING NO.: 337

Not encountered

Phase I Flag Number 431 Upgrade to level C - See logbook p. 24

GROUNDWATER LEVELS:

OTHER OBSERVATIONS:

1 OF

PAGE:

BORING LOG FOR: PROJECT NO.:			Raymark OU9 RI	/FS				BORING NO.:		337A	
PROJECT	NO.:		N1369					START DATE:		1/27/04	
LOGGED	BY:		J. Lambert				TRANSCRIBED BY: RAC	COMPLETION	DATE:	1/27/04	
DRILLED	BY (Compa	any/Driller):	Aquifer Drilling &	Testing/Rob	Ullmann			MON. WELL N	O.:	N/A	
GRD. SUF	RFACE ELE	EVATION:					ELEVATION FROM:	CHECKED BY:		JD	
		CAMO	SAMPLING		-	-	1				
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION Balifield – Outfield		USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock	FIELD SCREENING DATA METHOD =
			SBP-SO-337A-0002	1101 2	10 (0.0)		Refer to Boring Log Number 337 for soil profile	e details from 0' - 4' has		weathering; etc.) No evidence of waste –	[FID, (PPM)]
			Full suite less dioxin and SPLP				Treat of bothing Log Humber 337 for 3011 profile	e details from 0 - 4 bgs		no extra analyses taken	PID = 0.0 FID = 0.0
2			1/27/04 @ 0915	-	<u> </u>						
			SBP-SO-337A-0204 Full suite less dioxin and SPLP		<u> </u>						
4			1/27/04 @ 0930	_							
1			SBP-SO-337A-0406		Slightly	Gray	0' - 0.5' - Fine-medium SAND, trace shells		SP	Moist	PID = 0.0
		2.0'	Full suite less dioxin and SPLP		Loose	Dode	0.5' – 0.9' – Fine SAND, trace medium sand				FID = 18,0
5		/ 2.0	1/27/04 @ 1000			Dark Gray	0.5 - 0.8 - 1 life SAND, trace medium sand		↓	l i	
						Brown Gray	0.9' 1.5' Fine-medium SAND, piece of car trace glass	dboard, roofing paper,	SP/Fill		
6						Blue Gray	1.5' - 1.7' - Fine-medium SAND, trace silt, pinestretchy material	ece of adhesive/woven/] ↓	
				EOB @ 6' bgs							
				-			-		_		
									,		
TYPE OF	DRILLING 5	SIG.	GEOPROBE - Tra	ck mounted (ri	ig 2)	111		N-1-	15.	T-1 = 1	1// (0 /
TYPE OF DRILLING RIG: GEOPROBE – Track mounted (rig 2) METHOD OF ADVANCING BORING: DIRECT- PUSH					·p <u>~ /</u>			_ Note:			NUS, Inc.
METHOD OF SOIL SAMPLING: DIRECT- PUSH MACRO-CORE Open tube continuous samples in 2'				s in 2' interva	is	Full Suite = SVOCs, Pesticides/PCBs,		etais			
METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: N/A					metals, dioxin, SPLP metals and PCBs, asbestos, and						
	GROUNDWATER LEVELS: Approximately			bgs				VOCs VOCs			
	OTHER OBSERVATIONS: Phase II Old Flag Number 431 PID=)=E	Former Landfill Area – Baseball field	BORING NO.: 3	PAGE: 1	OF 1	

BORING	LOG FOR:		Raymark OU9 RI/	FS							BORING NO).:		338	
PROJEC1	NO.:		N1369								START DAT		_	12/09/03	
LOGGED	BY:		J. Lambert					T	TRANSCRIBED BY: RA	C	COMPLETIO	N: DATE:		12/09/03	
		any/Driller):	Aquifer Drilling and	Testing/Rol	b Ullmann						MON. WELL	NO.:	*****	N/A	
GRD. SU	RFACE ELE	VATION:						E	ELEVATION FROM:		CHECKED B	BY:	_	T. Dorgan	
DEPTH (FEET)	BLOWS PER 6"	SAMP REC.	SAMPLING TIME &	DEPTH MAT'L CHG./	SOIL DENSIT	Y/			MA: CLASSI		RIAL	uscs or ROCK	(mo	REMARKS	FIELD SCREENING
0	N/A	SAMP LENG.	SAMPLE NO. (QA/QC STATUS) SBP-SO-338-0002	WELL PROF'L	or ROC HARD. Slightly	K	CLF		0' – 0.8' – Silty fine-medium SA			BRKN	ro	ological classification; ock weathering; etc.)	DATA METHOD = [FID, (PPM)]
		1.6' 2'	Screening		Loose				0 - 0.6 - Sity line-medium SA		,	SM	Mois -	st 	PID = 0.0
1			12/09/03 @ 1300	1	- -	+	Light B	rown	0.8' - 1.6' - Fine-Medium SAN	D, s	some seashell fragments	SP			FID = 0.0
2						1		\exists		+					
		1.9'	SBP-SO-338-0204 Screening		V				0' - 0.6' - Fine-Medium SAND			Fill/SP			PID = 0.0
3		/ 2'	12/09/03 @ 1305		Slightly Dense		Dari Brow		0.6' – 1.9' – Silty fine-medium 3 (most likely natural), but potent	SAN tially	ID, trace plastic, some fibers asbestos containing material	Fill/SM	_		FID = 4.0
	-				\vdash	+		\dashv		\pm					
4				EOB @ 4' bgs		1				_				<u>*</u>	
													L		
					_	-		\dashv		_					
				-	_	+		-					-		
						1		\exists							
												,			
					<u></u>										
TYPE OF	DRILLING R	IG:	GeoProbe - Track r	nounted (Rig	2)						· · · · · · · · · · · · · · · · · · ·			Tetra Tech	NUS Inc
METHOD	OF ADVAN	CING BORING	3: Direct - Push											70,10 7007	
METHOD	OF SOIL SA	MPLING:	Macro - Core - oper	tube continu	ous to 4' in	2' inte	ervals								■)
1	OF ROCK C		N/A												
	BSERVATIO		Phase 1. Flag Numb	er 430: Forme	er Landfill at	rea, E	Baseball	l Field	FID/PID - C	_	BORING NO.:	338		PAGE: 1	OF 1

BORING L	OG FOR:		Raymark OU9 f	RI/FS				BORING NO.:		339	
PROJECT	ROJECT NO.: N1369 DGGED BY: K. Jalkut							START DATE:		12/9/03	
LOGGED	BY:		K. Jalkut				TRANSCRIBED BY: LJD	COMPLETION:	DATE:	12/9/03	
DRILLED	BY (Compa	any/Driller):	ADT/S. Przybyls	ki				MON. WELL NO		N/A	
GRD. SUF					•		ELEVATION FROM:	CHECKED BY:		JL.	·
				Constant of	1	-					
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD:	CLR	MATERIAL CLASSIFICATION Balifield – outfield		USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock	FIELD SCREENING DATA METHOD =
			SBP-SO-339-0002	FILOIL	TIAND.	Red -	SAND – trace silt; fine-medium sand, poorly graded,		SP/Fill	weathering; etc.) Grass/root plug =	[FID, (PPM)]
		1.9'	Screening		Loose	Brown Tan-	organic roots SAND – Fine-medium sand, poorly graded, trace seashells		3F/FIII	approximately 3" Dry	FID = 0.0 PID = 0.0
1		/	12/9/03 @ 1335	J		Gray	The moduli seria, postly graded, take seasilens	'			FID = 0.0 PID = 0.0
						Brown	₩			Dry	
2					Dense	Dark brown	SAND – trace silt, trace organics, organic fibers, reeds, mo sand, poorly graded	stly fine-medium	+	Compressed soil	FID = 58 PID = 0.0
		2' /	SBP-SO-339-0204		1.0000	Descrip	SAND - some silt, fine-medium sand, trace coarse sand			D	FID = 5.6
		2	Screening		Loose	Brown Gray-	Similar to above with crushed stone (trap rock)		SM/Fill	Dry	PID = 0.0
3		/ -	12/9/03 @ 1340			brown					FID = 7.1 PID = 0.0
						Brown	SAND – some silt, charcoal, brick pieces, burned wood Similar to above, with metal shards to ½"				
4						Dark brown	SAND – some silt with roots and organic fibers	-			FID = 19
-				EOB @ 4' bgs	_		EOB @ 4' bgs - Backfill with Bentonite chips (4' -1') and top	osoil (1'- 0')	*		PID = 0.0
]	
									*		
										-{	
			<u> </u>								
TYPE OF	DRILLING	RIG:	GeoProbe – 4 X 4	Mule	<u></u>				_	Tetra Tec	h NUS, Inc.
METHOD	OF ADVAN	CING BORIN	NG: Direct - Push					Note:		7000	
METHOD	OF SOIL S	AMPLING:	Macro - Core; Op	en tube, con	tinuous to 4' in	2' intervals		FID = A (fil	-	(2)	-)
METHOD	OF ROCK	CORING:	N/A		-			- PID	= A		T.
GROUNDWATER LEVELS: Not Encountered											
OTHER C	OTHER OBSERVATIONS: Phase I. Flag No. 505; former Landfill area							BORING NO	339	PAGE;	1 OF 1

BORING L	OG FOR:		Raymark OU9 RI/	'FS				BORING NO.:	340	
PROJECT	DJECT NO.: EGED BY:		N1369					START DATE:	12/09/03	
LOGGED	BY:		J. Lambert				TRANSCRIBED BY: RAC	COMPLETION: DATE:		· · ·
DRILLED	BY (Compa	any/Driller):	Aquifer Drilling and	Testing/Rol	b Ullmann	·		MON, WELL NO.:	N/A	
	RFACE ELE			<u>-</u>			ELEVATION FROM:	CHECKED BY:	T. Dorgan	
						1				
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION	USCS or ROCK BRKN	(moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD =
		1.5'	SBP-SO-340-0002 Screening	1,110, 2	Slightly Loose	Orange - Brown	Silty fine SAND Baseball diamond	SM/Fill	Moist	[FID, (PPM)] PID = 2.0
1		/ 2'	12/09/03 @ 1350							FID = 7.1
						Light Brown	Fine-Medium SAND, trace shell fragments	SP/Fill		FID = 7.1
									1	
2		-	SBP-SO-340-0204	-			0' - 0.4' - Similar to above	SP/Fill	Moist	<u> </u>
		1.9'	Screening				0.4' - 0.7' - Organic rich (reed fibers) silt, some		Odor – non petroleum	PID = 0.1
3		/ 2'	12/09/03 @ 1355		Slightly Dense]	
			1200700 @ 1000	1	Loose	Black	0.7' - 0.8' - Burn layer - charcoal pieces	Fill	Pieces of asphalt – 1,7'	FID = 7.4
									_ (,)	
4					Slightly Loose		0.8' - Fine-Coarse SAND, some gravel (remo trace asphalt	ved) trace silt,		
				EOB @ 4' bgs		1				
									1	
				1						
						•			1	
				1		_				
,									-	
				-		-				
						1				
					·	Mr.				<u></u>
	DRILLING F		GeoProbe - Track r	nounted (Rig	2)				Tetra Teci	h NUS, Inc.
		CING BORING								
	OF SOIL SA		Macro - Core - oper	tube continu	ous to 4' in 2' i	intervals				3 _]
	OF ROCK C		N/A	* * * * * * * * * * * * * * * * * * * *					[•	L
	WATER LEV BSERVATIO		Phase 1. Flag Numb	er 547: Forma	er Landfill area	. Baseball dia	mond FID/PID - C	BORING NO.: 340	2105	
CTILITY O			. 11000 111103 1101110			,		DOTGRO 110 340	PAGE: 1	1 OF 1

PROJECT	NO.:		N1369				ST	ART DATE:			12/9/03	· · · · · · · · · · · · · · · · · · ·
LOGGED	BY:		K. Jalkut					MPLETION:	DAT	E:	12/9/03	
DRILLED	BY (Compa	ny/Driller):	ADT/\$. Przybyl	lski				ON. WELL NO).:		N/A	
GRD. SUF	RFACE ELL	VATION:						ECKED BY:			JL	
	DI OWIO	04140	04401140	_	1			contract to the second of the	reconstruction a response.	www.vv3	to the first of th	***
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION Ballfield – outfield		RC	CS or OCK KN	REMARKS (moisture condition; odors; geological classification; rock	FIELD SCREENING DATA METHOD =
		2' /	SBP-SO-341-0002		Dense	Red - Brown	SAND – some silt, trace gravel; fine-medium sand, some silt, co subrounded to 3/4", grass, roots	parse gravel	SM	l/Fill	weathering; etc.) Damp Grass/root plug =	[FID, (PPM)] FID = 0.0
			Screening			Tan-					approximately 3"	PID = 0.0
1			12/9/03 @ 1355		Loose	Gray	SAND – Fine-medium sand, poorly graded, seashells		SP	/Fill	Dry	FID = 2.7 PID = 0.0
2												FID = 0.2 PID = 0.0
		1.9'	SBP-SO-341-0204			+	V		\exists		Dry, organic eder	112 0.0
		/2°	Screening			Dark	SAND - trace silt, trace gravel; fine-medium sand, organics (ree	eds. roots.	\dashv		2.yr o.garilo caoi	FID = 687
3			12/9/03 @ 1400		Dense	Brown	1 piece of subrounded gravel – 1")		_			PID = 0.0
											Compressed soil	
4				2	Loose	Brown to	Similar to above with intervals of gray, fine-medium sand in comsoil	pressed				FID = 32
				EOB @	Louse	Gray	301					PID = 0.0
				4' bgs			EOB @ 4' bgs - Backfill with Bentonite chips (4' -1') and topsoit	(1'-0')				
				1 5		1						
				1 1								
			· · · · · · · · · · · · · · · · · · ·	15		 					·	<u> </u>
				2								
TYPE OF	DRILLING I	RIG:	GeoProbe – 4 X	4 Mule							7.7. 7	1
ł		CING BORIN									Tetra Tecl	i NUS, inc.
	OF SOIL S		Macro Core; O	pen tube, co	ntinuous to 4'	in 2' intervals						
METHOD	OF ROCK	CORING:	N/A									
GROUND	WATER LE	VELS:	Not Encountered									ン
OTHER C	BSERVATI	ONS:	Phase I. Flag No	524; forme	r Landfill area			BORING NO.:	34	1	PAGE;	1 OF 1

BORING NO.:

341

Raymark OU9 RI/FS

BORING LOG FOR:

BORING I	OG FOR:		Raymark OU9 RI/F	FS				BORING NO	ı. :	342	
PROJECT	NO.:		N1369					START DAT		12/09/03	
LOGGED	BY:		J. Lambert				TRANSCRIBED BY: RAC	COMPLETIC	N: DATE:	12/09/03	<u></u>
DRILLED	BY (Compa	any/Driller):	Aquifer Drilling and	Testing/Rol	b Ullmann			MON. WELL		N/A	
GRD. SUF	RFACE ELI	EVATION:					ELEVATION FROM:	CHECKED B	BY:	T. Dorgan	
	·				;c====================================				-		
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIA CLASSIFICAT		USCS OF ROCK BRKN	(moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD =
		1.5'	SBP-SO-342-0002 Screening		Slightly Dense	Brown	0' - 0.8' - Silty fine SAND, baseball of	diamond material at surface	SM	Moist	[FID, (PPM)] PID = 0.0
1		2'	12/09/03 @ 1415			Light Brown	0.8' – 1.5' – Fine-Medium SAND		SP		FID = 2.0
-											
2							↓ ↓				
			SBP-SO-342-0204 Screening Confirmation			Light Brown	0' - 0.4' - Fine-coarse SAND, some 0.4' - 0.6' - Fine-Medium SAND	silt	sw		PID = 0.0
3			12/09/03 @ 1420				0.6' - 1.2' - Silty fine-medium SAND)	SM		FID = 23.7
4				EOB @	Slightly Dense	+	1.2' – 1.5' – Silty fine –coarse SAND		+		
				4' bgs							
											
						-					
				-					,		
1									_		
								<u></u>			
						<u></u>					
TYPE OF	DRILLING F	RIG:	GeoProbe Track m	nounted (Ria	2)					Total Test	NILIO Inc
i .		CING BORIN				·				reura recr	n NUS, Inc.
	METHOD OF SOIL SAMPLING: Macro - Core - open tube continuous to 4' in 2' int										
	IETHOD OF ROCK CORING: N/A										
	WATER LE					·	· · · · · · · · · · · · · · · · · · ·				
	BSERVATION		Phase 1. Flag Number	er 526: Forme	er Landfill area,	Baseball dian	nond FID/PID - C	BORING NO.:	342	PAGE: 1	I OF 1

1 OF

PAGE:

BORING LOG	G FOR:		Raymark OU9	RI/FS				BORING NO.:		343	
PROJECT NO	O.:		N1369					START DATE:		12/9/03	
LOGGED BY:	:		K. Jalkut				TRANSCRIBED BY: LJD	COMPLETION: I	DATE:	12/9/03	
DRILLED BY	(Compa	ny/Dritter):	ADT/S. Przybyl:	ski				MON. WELL NO	H.:	N/A	
GRD. SURFA	CE ELE	VATION:						CHECKED BY:		JL.	-·· <u>-</u>
		24142			P			months almost a share sufficiently by			
DEPTH (FEET)	LOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION		USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock	FIELD SCREENING DATA METHOD =
			SBP-SO-343-0002	PROFL	пако.	Red -	Ballfield – outfield SAND – trace silt; Fine-medium sand, poorly graded, roots		\$P/Fill	weathering; etc.)	[FID, (PPM)]
		1.8'	Screening		Dense	Brown	Onto - nace sign internedialitisatio, pourly graded, roots		SP/FIII	Dry Grass/root plug = approximately 4"	FID = 0.0 PID = 0.0
1		/ -	12/9/03 @ 1410			↓	♦				
			<u> </u>		Loose	Tan - Gray	SAND - Fine-medium sand, poorly graded, seashells			1 piece of matted	FID = 0.0 PID = 0.0
2					1	V	Felt like pad mixed in soll (PACM)			material with shiny needle like fibers	FID = 0.0
		1.6'	SBP-SO-343-0204		Dense	Dark brown-	SAND – trace silt, trace gravel, mostly Fine-medium sand, 2 gravel to 1/4 * subrounded, glass, burn layer, charcoal	pleces fine		(PACM) Damp	FID = 0.0 PID = 0.0
3		2'	Screening 12/9/03 @ 1415		—	Black				Damp	
				;	Dense/ Tight	Dark Brown	Similar to above with increasing % of coarse sand, organic r			Dry	
4					Loose	Tan - Gray	SAND – fine-medium sand, poorly graded, seashells, glass to 1/2"	shards			FID = 0.0 PID = 0.0
				EOB @ 4' bgs			EOB @ 4' bgs - Backfill with Bentonite chips (4' -1') and top	soil (1'- 0')			
									`		
			,								
TYPE OF DR	RILLING R	lG:	GeoProbe – 4 X	4 Mule				Notes:		Totro Too	h NUS, Inc.
METHOD OF								PACM= Potenti	al asbestos	s- reua rec	TINOS, INC.
METHOD OF			Macro – Core; Or	en tube, co	ntinuous to 4' i	n 2' intervals			ing materia		
METHOD OF			N/A					_			1 -1
GROUNDWA			Not Encountered					-			
OTHER OBS	ERVATIO	NS:	Phase I. Flag No.	506; forme	Landfill area	··		BORING NO.:	343	PAGE:	1 OF 1

BORING L PROJECT LOGGED			N1369	FS			TOANIOODIRED BY DAG	BORING NO START DATE	Ē;	344 12/09/03	
		any/Driller):	J. Lambert Aquifer Drilling and	I Testing/Rol	h I iilmann		TRANSCRIBED BY: RAC	COMPLETIC		12/09/03	
	RFACE ELI		Addited Drilling and	i realing/11to	o Chinaini		ELEVATION FROM:	MON. WELL CHECKED B		N/A	
J. 1001	(17,OE EE						LECUATION I ROW.	CHECKED B	eti Silini	T. Dorgan	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATE: CLASSIFIC	CATION	uscs or ROCK BRKN	(moisture condition, odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		1.4'	SBP-SO-344-0002 Screening		Slightly Dense	Red Brown	0' - 0.6' - Silty fine SAND (pitcher		SM	Moist	PID = 0.0
1		/ 2	12/09/03 @ 1505	_	<u> </u>	Gray	0.6' – 1.4' – Fine-Medium SAND,	trace small shell fragments	SP		FID = 0.6
											PID = 0.0
2				1/2			↓				FID = 0.0
		1.9'	SBP-SO-344-0204 Screening		+	Gray	0' – 0.9' – Similar to above		—	Moist Odor from 0.9' 1.9'	PID = 0.0
3	-	/ 2'	12/09/03 @ 1510		Slightly Loose	Dark Gray	0.9' – 1.9' – Fine-Medium SAND, fragments		sw		FID = 0.0
							Note: at 1.6', have a lens black sil	t			PID = 0.0
4				FOD 0	+				<u> </u>		FID = 542.0
· · · ·				EOB @ 4' bgs							
									-		<u> </u>
											N
,											
:											
;											
TYPE OF	DRILLING F	RIG:	GeoProbe – Track r	nounted (Rig	2)					Total Tool	MUC /
		CING BORIN		,	,		· · ·			Tetra Tech	I NUS, INC.
METHOD	OF SOIL SA	MPLING:	Macro – Core – oper	tube continue	ous to 4' in 2' ir	ntervals					
METHOD	OF ROCK (ORING:	N/A					 			
GROUND	NATER LE	/ELS:									ン
OTHER O	BSERVATION	DNS:	Phase 1 Flag Number	er 548: Former	r Landfill area.	Baseball Field.	Pitchers Mound FID/PID - C	BORING NO	344	BACE: 4	OF 4

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BORING L PROJECT LOGGED DRILLED GRD. SUF	NO.: BY: BY (Comp	any/Driller): EVATION:	Raymark OU9 N1369 K. Jalkut ADT/S. Przybyl				TRANSCRIBED BY:	BORING NO.: START DATE: COMPLETION: D MON. WELL NO. CHECKED BY:		345 12/9/03 12/9/03 N/A JL	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS) SBP-SO-345-0002	DEPTH MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR Red -	MATERIAL CLASSIFICATION SAND – trace silt; Fine-medium sand, poorly grade	d, roots	or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.) Grass/root plug =	FIELD SCREENING DATA METHOD = [FID, (PPM)] FID = 0.0
1		1.9' 2'	Screening 12/9/03 @ 1425		Dense	Brown	SAND- Fine-medium sand, poorly graded, seashell	S		approximately 4" Damp	PID = 0.0
2		1.7'	SBP-SO-345-0204		Loose	Brown - Gray Tan - Gray Dark gray	Similar to above: Organic roots visible			Damp	FID = 6.3 PID = 0.0 FID = 90 PID = 0.0
3		2'	Screening 12/9/03 @ 1440		Dense	Dark Brown	SAND – trace silt, trace gravel; mostly Fine-medium sand, trace fine subrounded gravel to ½", roots	n sand, trace course		Strong organic odor	FID = 135 PID = 0.0 FID = 40
4				EOB @	+	Dark Brown			 	\	PID = 0.0 FID = 216 PID = 0.0
				4' bgs			EOB @ 4' bgs - Backfill with Bentonite chips (4' -1')	and topsoil (1'-0')			
									,		
METHOD (METHOD) GROUND)	OF ADVAN OF SOIL SA OF ROCK (VATER LEY	CING BORIN AMPLING: CORING: /ELS:	Macro – Core; O _I N/A Not Encountered	pen tube, con		2' intervals				Tetra Tech	NUS, Inc.
OTHERO	SERVATION	JNS:	Phase I. Flag No.	525, former l	Landfill area			BORING NO.:	345	PAGE:	1 OF 1

BORING I	OG FOR:		Raymark OU9 RI/	FS						BORING NO	.:		346		
PROJECT	NO.:		N1369							START DATE	Ξ:		12/09	9/03	
LOGGED	BY:		J. Lambert					TRANSCRIBED BY:	RAC	COMPLETIO	N: DA	ATE:	12/09	9/03	
DRILLED	BY (Compa	iny/Driller):	Aquifer Drilling and	f Testing/Rol	b Ullma	ทก				MON. WELL	NO.:		N/A		
GRD. SUF	RFACE ELE	EVATION:						ELEVATION FROM:		CHECKED B	Y:		T. Do	organ	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS) SBP-SO-346-0002	DEPTH MAT'L CHG./ WELL PROF'L	DENS CON or R HAI	SITY/ ISIS. OCK RD.	CLR Red Brown	0' – 0.7' – Sandy (fine	MATERIAL CLASSIFICATION	,	RO BR	CK KN	(moisture geologic rock we	condition; odors; al classification; eathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		1.5' 2'	Screening		Der		red blown		saluj SiLi		SM	/FIII	Damp		PID = 0.2
1			12/09/03 @ 1530	1	\square					<u> </u>					FID = 1.7
							Gray	0.7' – 1.5' – Fine-Med	lium SAND, some shell fra	gments	SP	/Fill			PID = 2.9
2															FID = 5.4
	-	1.8'	SBP-SO-346-0204 Screening				Gray	0' 0.8' Similar to a	bove, black brown silt lens	(1* thick at 0.3')					PID = 0.0
		/ 2'	•												
3			12/09/03 @ 1535	-			Dark	0.8' - 1.8' - Fine Mer	lium SAND, some silt, trac	0.0000000000000000000000000000000000000	SM	/F:11	Maint	 -	FID = 0.0
							Brown	0.0 - 1,5 - 1 IIIc-IVIC	SAND, SOME SIII, II AD	e coarse sand	SIVI	/FIII	Moist (glass frag	gments)	PID = 0.0
4					1										FID = 31.6
		•		EOB @ 4' bgs											
									···						
				1					-						
									-						
		;;	,					· · · · · · · · · · · · · · · · · · ·		·		_			
												-			
					<u> </u>						-	,			
<u> </u>					<u> </u>						-	_			
															0
TYPE OF	DRILLING F	IG:	GeoProbe - Track r	nounted (Rig	2)				· · · · · · · · · · · · · · · · · · ·					Tetra Teci	NUS, Inc.
METHOD	OF ADVAN	CING BORING	G: Direct Push							_				15,50	
METHOD	OF SOIL SA	MPLING:	Macro - Core - oper	n tube continu	ous to 4	' in 2' in	ntervals			_				-	-)
	OF ROCK O		N/A							-					T)
	WATER LEV		Dhana 4 Flanki 4	rzc. F -	(101	D	FID (DID C							
OTHER O	BSERVATION	INS:	Phase 1. Flag Numb	er 575: Forme	er Landfi	ıı area,	Baseball Field	FID/PID - C		BORING NO.:	346			PAGE: 1	OF 1

BORING I	OG FOR:		Raymark OU9	RI/FS				BORING NO.:		347	
PROJECT	NO.:		N1369					START DATE:		12/9/03	
LOGGED	BY:		K. Jalkut			· · · · · ·	TRANSCRIBED BY: LJD	COMPLETION: DA	ATE:	12/9/03	
DRILLED	BY (Compa	any/Driller):	ADT/S. Przybyl	ski				MON. WELL NO.:		N/A	······································
GRD. SUF	RFACE ELE	EVATION:					ELEVATION FROM:	CHECKED BY:		JL	
	I										
DEPTH (FEET) 0	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION Ballfield - outfield		or ROCK BRKN	(moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
			SBP-SO-347-0002			Red -	SAND – trace silt; mostly fine-medium sand, poorly grad	led, roots	SP/Fill	Grass/root plug =	FID = 0.0
		1.9'	Screening and confirmation		Loose	Brown Tan	CAND Fire modium and anady and describe			approximately 3"	PID = 0.0
1		/ -	12/9/03 @ 1455			Gray	SAND – Fine-medium sand, poorly graded, seashells				
						Dark	SAND - trace silt; fine-medium sand, trace coarse sand	t, organic	+		FID = 0.0
					Dense	Brown	roots, possible PACM – needle like fibers			Compressed material	PID = 0.0
					- 1	Tan -	CANCE C. II			spongy – red-purple- brown	FID = 0.0
2			000 00 017 0001		Loose	Gray	SAND – fine-medium sand, poorly graded, seashells			DIOWIT	PID = 0.0
		1.6'	SBP-SO-347-0204				1	1		Damp	FID = 0.0
		1.0	Screening		 		<u> </u>				PID ≈ 0.0
3		/ -	12/9/03 @ 1505								
				1						Damp	
4					↓	↓			♦		FID = 0.0
4				EOB @	_	<u> </u>					PID = 0.0
		=		4' bgs			EOB @ 4' bgs - Backfill with Bentonite chips (4' -1') and	topsoil (1'- 0')			
	,										
					T i						
]						<u> </u>	L.
				1	•						-
									•		
	·						<u> </u>				
				<u> </u>							
TYPE OF E	RILLING R	G:	GeoProbe – 4 X	4 Mule				Notes:		Tetro Too	h NUS, Inc.
		ING BORING						PACM = Potentia	al asbest	os-	T NOS, INC.
	OF SOIL SAI		Macro - Core; O	pen tube, co	ntinuous to 4' in	2' intervals		contain	ing mater	rial 🗀	
	OF ROCK C		N/A					_			1 .
	VATER LEV		Not Encountered					_			シ
OTHER OF	SERVATIO	NS:	Phase I. Flag No	. 574; former	Landfill area			BORING NO.:	347	PAGE:	1 OF 1

1 OF

PROJECT LOGGED DRILLED GRD. SUF			Raymark OU9 RI N1369 Neb Dedic Aquifer Drilling &	Testing/ D. G	SOIL		TRANSCRIBED BY: DH COMP MON.	NG NO.: T DATE: PLETION: DATE: WELL NO.: KED BY:	347A 2/2/04 2/2/04 N/A JL	FIELD
DEPTH (FEET) 0			TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION Refer to Boring Log Number 347 for soil details from 0' to 4' by	USCS or ROCK BRKN	(moisture condition; odors; geological classification; rock weathering; etc.)	SCREENING DATA METHOD = [FID, (PPM)]
4			SBP-SO-347A-0406		Soft	Gray	SAND, trace silt	sw	Moist, organic odor,	FID=520
5		2.0'	2/2/04 @ 1530						glass pieces	PID=0.0
6			CDD 00 2474 0000			—				
7		1.5' 2.0'	SBP-SO-347A-0608 2/2/04 @ 1590			Gray/ Black	SAND, trace silt		Moist, organic odor, glass, plastic	FID=2500 PID=0.0
8						-			Wet decomposed wood at bottom	
				EOB @ 8' bgs						
,								\$		
METHOD (METHOD) METHOD (GROUND)	DRILLING R OF ADVANC OF SOIL SA OF ROCK C WATER LEV BSERVATIC	CING BORIN MPLING: CORING: VELS:	MACRO-CORE N/A Approximately 7.5'	Mule Jumber 574			BORING	NO.: 347A	T	NUS, Inc.

PROJECT	LOG FOR:		N1369	RIFS				BORING NO.: START DATE:		348 12/9/03	
LOGGED			K. Jalkut					COMPLETION:	DATE:	12/9/03	
	BY (Compa	anv/Driller):	ADT/S. Przybyl	ski	-			MON. WELL NO		N/A	
	RFACE ELE							CHECKED BY:	/	JL	
								OFICORED BT.			
DEPTH (FEET) 0	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION Ballfield - outfield		USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		2' /	SBP-SO-348-0002	1	Danes	Red -	SAND – trace silt; fine-medium sand, poorly graded, roots	s, grass	SP/Fill	Damp	FID = 2.3
		2	Screening		Dense	Brown Tan -	CAND trops smooth fire medium and and and and			Grass/root plug = approximately 4"	PID = 0.0
1			12/9/03 @ 1515		Loose	Gray	SAND – trace gravel; fine-medium sand, poorly graded, 1 subrounded gravel to ½", seashells	piece tine		approximately 4	FID = 3.1 PID = 0.0
			į							D	FID = 0,0
						Dark	SAND-Fine-medium sand, poorly graded, seashells, 1 pic			Damp Possible chemical odor	PID = 0.0
2	-					Gray	fiberous material (PACM)	ece matted			FID = 28 PID = 0.0
	-		SBP-SQ-348-0204	1 1		- 1-		-	-		FID = 0.0
		2'	Screening		<u> </u>				*	Strong organic odor	PID = 0.0
		/ 2' :	-		Dense	Dark	Possible PEAT-organic soil with fine-medium sand interva	als (1/8" thick),	PT	1	FID = 217
3			12/9/03 @ 1520		<u> </u>	Brown	roots, reeds				PID = 0.0
					1	Disale	Charcoal, burned layer, ash, twigs, brick pieces		Fill	Discharge 120 k	FID = 80
						Black Dark	SAND – some silt, trace gravel; fine-medium sand, trace		OA MEN	Black and white/tan specks (possible ash)	PID = 0.0
4					♦	Brown	trace fine gravel to ½" subrounded	coarse sand,	SM/Fill	apoone (possible astr)	FID = 522
				EOB @ 4' bgs			EOB @ 4' bgs - Backfill with Bentonite chips (4' -1') and to	opsoil (1'- 0')			PID = 0.0
											<u> </u>
											<u></u>
1						-		<u></u>			
											ļ
TYPE OF E	ORILLING RI	G:	GeoProbe – 4 X	4 Mule				Note:		Tetra Tech	NUS Inc
METHOD OF ADVANCING BORING: Direct - Push								PACM = Poten		os-	
METHOD OF SOIL SAMPLING: Macro Core; Open tube, continuous to 4' in 2' intervals					2' intervals		- contair	ning mater	al (- _)	
METHOD (OF ROCK C	ORING:	N/A								
GROUNDV	VATER LEV	ELS:	Not Encountered					_			ン

Phase I. Flag No. 549; former Landfill area

OTHER OBSERVATIONS:

1 OF

PAGE:

BORING L	OG FOR:		Raymark OU9	RI/FS				BORING NO .:		349	
PROJECT	NO.:		N1369					START DATE:		12/10/03	
LOGGED	BY:		K. Jalkut				TRANSCRIBED BY: LJD	COMPLETION:	DATE:	12/10/03	
DRILLED	BY (Compa	any/Driller):	ADT/S. Przybyl:	ski	-			MON. WELL NO		N/A	
GRD. SUF	RFACE ELE	VATION:					ELEVATION FROM:	CHECKED BY:		JL	
	F			-							
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION Ballfield - outfield		ROCK BRKN	(moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
			SBP-SO-349-0002			Red -	SAND – some silt; fine-medium sand, poorly gra	aded, organic roots	SM/Fill	Damp	FID = 2,4
		2' /	Carooning	1	Dense	Brown		· -		Grass/root plug =	PID = 0.0
] / 2'	Screening	1		Tan -	SAND - Fine-medium sand, poorly graded, sea	shells	SP/Fill	approximately 4"	FID = 0.0
1			12/10/03 @ 0910	1	Loose	Gray					PID = 0.0
							▼				
					J.	Dark	Waste material/ SAND, some silt, trace gravel, ma	ted material with shiny	+	Purple-red color on fresh	FID = 0.0
2					Dense	Brown	needle like fibers and organic roots. 1 piece fine gr	avel subrounded to 1/2"	SM/Fill	surface- PACM	PID = 0.0
			SBP-SO-349-0204				Fine-medium sand, some coarse sand, glass			Spongy	FID = 21
		2' /	Screening and							l 1	PID = 0.0
		2'	confirmation	1				"			FID = 54
3			12/10/03 @ 0915							_ ★	PID = 0.0
					[*]	+	★	÷		Dry	
						Tan -	SAND - some gravel, fine-medium sand, poorly	graded, fine-coarse		Î	FID = 13
4					Loose	Gray	gravel to 1/2-1" (possible trap rock/ Quartz pebble	es)	▼		PID = 0.0
				EOB @			EOB @ 4' - Backfill with Bentonite chips (4' -1')	and tannell (4° 0°)			
				4' bgs	\vdash		EOB @ 4 - Backill with Bentonite chips (4 -1)	and topson (1 - 0')			
,								<u>-</u> -			
				-					 ;		-
											(
		1						····			
TYPE OF	DRILLING I	RIG:	GeoProbe 4 X 4	4 Mule				Notes:		Tetra Tech	MITS Inc
METHOD	OF ADVAN	CING BORIN	G: Direct - Push					PACM = Potential asb	estos-contai	nina recn	NOS, IIIÇ.
	OF SOIL S		Macro Core; Op	en tube, co	ntinuous to 4' in	2' intervals		- material			$\overline{}$
	OF ROCK		N/A					-			- I
	WATER LE		Not Encountered					-			
1	BSERVATI		Phase I, Flag No.	596; former	r Landfill area: u	parade to leve	el C	BORING NO.:	349	PAGE:	4 05 1
				,			· · · · · · · · · · · · · · · · · · ·	2013113 110	0-10	PAGE:	1 OF 1

BORING L	OG FOR:		Raymark OU9	RI/FS			В	BORING NO.:		350	
PROJECT	NO.:		N1369				S	START DATE	:	12/10/03	
LOGGED	BY:		K. Jalkut				TRANSCRIBED BY: LJD C	OMPLETION	N: DATE:	12/10/03	
DRILLED	BY (Comp	any/Driller)	: ADT/S. Przyb	ylski				MON. WELL I		N/A	
		EVATION:					ELEVATION FROM: C	CHECKED BY	′ :	JL	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK / HARD.	CLR	MATERIAL CLASSIFICATION Ballfield - outfield		USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
1		1.6'	SBP-SO-350-0002 Screening 12/10/03 @ 0920		Dense	Red - Brown	SAND trace silt, fine-medium sand, trace coarse sand, poorly organic roots	graded,	SP/Fill	Damp Grass/root plug = approximately 3"	FID = 0.0 PID = 0.0 FID = 6.4 PID = 0.0
					Loose	Dark Brown	SAND – some gravel, trace silt, fine-medium sand mostly, trace sand, fine-coarse subrounded gravel to 1.25", roots, possible a			Dry	FID - 0.0
2						Gray	SAND - fine-coarse sand, poorly graded		*		FID = 0.0 PID = 0.0
		1.6'	SBP-SO-350-0204 Screening			Black	SAND - Fine-coarse sand, well graded, cloth, glass, ash, charre cardboard, cellulose, plastic	ed	SW/Fill	Dry. Landfill waste	F1D = 0.2 PID = 0.0
3		2'	12/10/03 @ 0925		+		↓		\downarrow		
					Dense	Dark Brown	Silty SAND – fine-medium sand, poorly graded, glass		SP/Fill	Chemical odor	FID = 1.4 PID = 0.0
4					Loose	Gray-Tan	SAND - Fine-medium sand, poorly graded			O. IOI III OLD	FID = 111.2 PID = 0.0
,				EOB @ 4' bgs			EOB @ 4'bgs - Backfill with Bentonite chips (4' -1') and topsoi	il (1'- 0')	3		
TYPE OF	DRILLING	RIG:	GeoProbe – 4	X 4 Mule						Tetra Teci	h NUS, Inc.
4		NCING BOF								7000 160	11100, 1110.
		SAMPLING:	Macro - Core;	Open tube, o	continuous to 4	l' in 2' interval	s			[***	1 _ }
1	OF ROCK	CORING:	N/A							[]	L)

Phase I. Flag No. 617; former Landfill area;

OTHER OBSERVATIONS:

PAGE:

BORING I	OG FOR:		Raymark OU9 RI/	FS						BORING NO)·	351	
PROJECT	NO.:		N1369			•				START DAT		12/10/03	
LOGGED	BY:		J. Lambert	•			 .	TRANSCRIBED BY:	RAC	COMPLETION		12/10/03	
		any/Driller):	Aquifer Drilling and	1 Testing/Ro	b Ulimar	nn				MON. WELL		N/A	
	RFACE ELI							ELEVATION FROM:		CHECKED !			<u> </u>
									 -	CHECKED	51.	T. Dorgan	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SO DENS CON: or RO HÅR	SITY/ SIS. OCK RD.	CLR		MATERIAL CLASSIFICATION		USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		1.2'	SBP-SO-351-0002 Screening		Sligh Loo		Red Brown	0' = 0.7' = SILT, some shell/bone p	fine-medium sand, wo pieces	ood fragment,	OL		PID = 0.0
1		, -	12/10/03 @ 0945	_									FID = 0.0
							Brown	0.7' - 1.2' - Fine-coar	se SAND, some silt, s	some gravel	sw		PID = 0.0
2			000 00 054 0004										FID = 0.0
		1.8'	SBP-SO-351-0204 Screening				Brown	0' – 1.1' – Similar to a	bove				PID = 0.0
3			12/10/03 @ 0950										FID = 0.0
							Red Brown	1.1' – 1.8' – Fine-Med and fine	fium SAND, some silt, gravel	, trace coarse sand			
4					•						•		·
				EOB @ 4' bgs									
													-
				_									
,					<u> </u>				· · · · · · · · · · · · · · · · · · ·		8		
TYPE OF	DRILLING R	.IG:	GeoProbe - Track n	nounted (Ria	2)			·····					
		CING BORIN			,					··		Tetra Tech	NUS, Inc.
	OF SOIL SA		Macro - Core - oper	tube continu	ous to 4'	in 2' in	tervals		· · · · · · · · · · · · · · · · · · ·				
	OF ROCK O		N/A	30110110		141			·				-
1	NATER LEV											[-	-

Phase 1. Flag Number 383: Former Landfill area, Soccer Field FID/PID - C

OTHER OBSERVATIONS:

PAGE:

PROJECT			N1369					START DATE:			12/10/03	
LOGGED			K. Jalkut				TRANSCRIBED BY: LJD	COMPLETION:	DAT	E:	12/10/03	
		any/Driller):	ADT/S. Przybyl	ski				MON. WELL NO	0.:		N/A	- ·
GRD. SUF	RFACE ELE	EVATION:	 				ELEVATION FROM:	CHECKED BY:			JL	
	DI OINO	CAMP	PAMPUNO	PR. 101 1 . W. 101 11. 2015 1. 102	0.00		-					
DEPTH	BLOWS PER	SAMP REC.	SAMPLING TIME	DEPTH	SOIL]	. MATERIAL		70.00	CS	REMARKS	FIELD
(FEET)	6"	1	&	MAT'L CHG./	DENSITY/ CONSIS.		MATERIAL CLASSIFICATION			or OCK	(moisture condition;	SCREENING
		SAMP	SAMPLE NO.	WELL	or ROCK	CLR	CEASSII IOATION			KN	odors; geological classification; rock	DATA METHOD =
0	N/A	LENG.	(QA/QC STATUS)	PROF'L	HARD.		Ballfield - outfield				weathering; etc.)	[FID, (PPM)]
			SBP-SO-352-0002			Red -	SAND trace silt, fine-medium sand, poorly grade	ed, organic roots/grass	SP	/Fill	Damp	FID = 0.0
		1.7'	Screening		Dense	Brown				ı	Grass/root plug =	PID = 0.0
		/ 2	Screening			Tan-					approximately 3"	
1			12/10/03 @ 0945		Loose	gray	SAND - fine-medium sand, poorly graded, seashe	ell fragments				
			. ""						_			FID = 0.0
											Damp	PID = 0.0
			:		· · · - · 				\vdash	-		
2												1
			SBP-SO-352-0204		 	\vdash			_	-		FID. 04
		1.9'	05, 00 002 020.		,						Saturated for	FID = 21
		2'	Screening						-		approximately 8" and	PID = 0.0
3		/ 1	12/10/03 @ 0950		▼	♦	▼				then dry	FID = 54
3			12 10/03 (2) 0330	-			CAND trace of the		<u> </u>			PID = 0.0
					Dense	Black	SAND ~ trace silt, trace gravel, fine-medium sand gravel to 1" subrounded, glass, charred wood, roo				Dry – landfill waste	
				i	Dense		graver to 1 Subrodilada, grass, criatrea wood, 100	na, 1000a	<u> </u>	ш	Diy – landin waste	
					l .	Tan-	SAND Fine medium and people anded annel		Ι,	L	Dry	FID = 13
4	_				Loose	Gray	SAND – Fine-medium sand, poorly graded, seash	neli				PID = 0.0
				EOB @	•							
				4' bgs			EOB @ 4' bgs - Backfill with Bentonite chips (4' -	1') and topsoil (1'- 0')				
]							
					1	<u></u>						
							•			- 17		
										- 11		,
				1						-		
,					•							
									_	-		
						1				>		
				1					-	-		
								<u></u>	<u> </u>			
			L			l			ŀ	- 13		
TYPE OF	DRILLING	RIG:	GeoProbe – 4 X	4 Mule							Tetra Tech	MIIO Inc
		ICING BORIN									Tolla Tech	NUS, INC.
	OF SOIL S		Macro - Core; O	pen tube, con	tinuous to 4' in	2' intervals		 				.)
	OF ROCK		N/A					· · · · · · · · · · · · · · · · · · ·				
	WATER LE		Not Encountered									
OTHER C	BSERVATI	ONS:	Phase I. Flag No.	. 597; former	Landfill area; o	riginally on	outside of fence and brought in (moved less than 5')	BORING NO.:	35	2	PAGE:	1 OF 1
									· · ·			

BORING NO.:

352

Raymark OU9 RI/FS

BORING LOG FOR:

BORING L	OG FOR:		Raymark OU9 RI/	FS							BORING NO).:		353		
PROJECT	NO.:		N1369								START DAT			12/10	0/03	-
LOGGED	BY:		J. Lambert						TRANSCRIBED BY:	RAC	COMPLETIC	N: DA	ATE:	12/10		
DRILLED	BY (Compa	any/Driller):	Aquifer Drilling and	Testing/Rol	b Ullma	ınn					MON. WELL			N/A		.,
GRD. SUF	RFACE ELI	EVATION:	-						ELEVATION FROM:		CHECKED B			T. Do	rgan	
				- Control Control	_		_	_				_	_	,	3	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DEN CON or R HA	OCK RD.		LR		MATERIAL CLASSIFICATION	·	RC BF	OS OF OCK RKN	(moisture geologic rock w	i on; odors; cal classification; eathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		1.3'	SBP-SO-353-0002 Screening			ihtly ose	Bro	own	0' – 0.8' – SILT, son fragment	ne fine sand, some orga	nics (roots), brick	SM	VFiII	Moist No odor		PID = 0.0
1		,	12/10/03 @ 1000	_	L									1		FID = 0.0
						htly nse			0.8' – 1.3' – Gravelly gravel	fine-coarse SAND, trac	e silt (angular fine	SV	V/Fill			PID = 0.0
2												L				FID = 0.0
			SBP-SO-353-0204	Î					0' - 0.5' - Similar to a	above		1				7.13 0.0
		1.9'	Screening		<u> </u>											PiD = 0.0
3		/ 2'	12/10/03 @ 1005	1			Gı	ay	0.5' – 1.6' – Fine-Me fragmen	dium SAND, some coar	se sand, some shell	1				FID. 6.6
-			12710.00 @ 1000	1	<u> </u>		-		nag.ne			-	-	-		FID = 0.0
													♦			PID = 0.0
4	-						Bla	ack	1.6' - 1.9' - PACM - this laye	- Fibers in a soft matrix. r	Sample taken from	ſ	ill	Possible	Waste	FID = 0.0
				EOB @ 4' bgs		- 1						l l				
				gc	-				 			-				
					L							l.		ļ.		
				1	\vdash	-					·	-				
	•			1								l				
				1												
		1			ļ											
•																
				1		-				***		 				
													*			
				l		_			ļ							<u>/</u>
TYPE OF	DRILLING F	RIG:	GeoProbe - Track r	mounted (Rig	2)					· · · · · · · · · · · · · · · · · · ·	Note:				Tetra Tech	NUS, Inc.
		CING BORIN			<u></u>						PACM = Poten	ntially a	sbesto	s	repareci	11100, 1110.
	OF SOIL SA		Macro - Core - oper	n tube continu	ous to 4	l' in 2' int	tervals				conta	ining n	nateria			-)
1	OF ROCK (N/A													
	WATER LE															ン
OTHER O	BSERVATION	ONS:	Phase 1 Flag Number	er 382: Forme	r Landfi	II area, S	Зоссег	Field	FID/PID - C		BORING NO.:	353		-	PAGE:	OF 1

BORING	LOG FOR:		Raymark OU9 F	RI/FS			BORING	NO.:		353A	
PROJEC	T NO.:		N1369				START!		_	1/21/04	
LOGGED	BY:		K. Jalkut					ETION: DATE	_:	1/21/04	
DRILLED	BY (Comp	any/Driller):	Aquifer Drilling a	and Testing/	М. Ѕагго			ELL NO.:	_	N/A	
		EVATION:					ELEVATION FROM: CHECKE		_	JL.	
	······································						P		· · · · · · · · · · · · · · · · · · ·		
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD/	CLR	MATERIAL CLASSIFICATION Soccer Field		USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		1.7'	SBP-SO-353A-0002 Full Suite less dioxin				Refer to Boring Log Number 353 for soil profiles from 0' to 4' bgs			Grass, root plug = 3" No geomembrane	FID = 0.0 PID = 0.0
2		2.0'	and SPLP 1/21/04 @ 1045							visible No PACM/waste	
			SBP-SO-353A-0204							No visible membrane	FID = 0.0 PID = 0.0
4			Full Suite 1/21/04 @ 1105							No visible PACM/waste	FID = 0.0 P1D = 0.0
					Loose	Brown- Gray	SAND, trace silt, some gravel. Fine-medium sand, mostly trace coarse coarse subangular gravel $\frac{1}{2}$ – 1 $\frac{1}{4}$ organic roots, seashells, brick piec	sand, fine to	SP/ FILL	No visible membrane or	FID = 23 PID = 0.0
5					Dense	Black	Silty SAND, fine-medium sand, poorly graded, organic reeds, roots, tw fibers, coiled metal fillings to 2" length (tight coils)	igs, organic	SM/ FILL	PACM/waste Organic odor	FID = 1796 PID = 0.0
		2.0'	SBP-SO-353A-0406 Full Suite less dioxin			+					
6		2.0'	and SPLP 1/21/04 @ 1130		<u></u>	Black - Brown	Silty SAND, trace gravel, mostly fine sand, poorly graded. One piece c to 1" subangular, rock fragments (broken) organic roots, reeds, plastic	oarse gravel pieces	↓		FID = 886 PID = 0.0
					Loose	Tan - Brown	SAND, fine-medium sand, poorly graded, seashells		SP/ FILL	Damp No visible PACM/waste	FID = 1238 PID = 0.0
7						<u> </u>	SAND, some gravel, fine-medium sand, poorly graded fine coarse sub subangular gravel ½" – 1 ½" rock fragments (broken)	rounded		FACIWWaste	
		1.7'	SBP-SO-353A-0608 Full Suite less dioxin			Black	Similar to above (petroleum like odor)		Ų.	petroleum odor Damp	FID = 889 PID = 0.0
8		2.0'	and SPLP 1/21/04 @ 1350			Brown	FILL, newspaper, glass, wood chunks (not burned)		Fill		FID = 870 PID = 0.0
						Dark Brown	Silty SAND, trace gravel, fine-medium sand poorly graded, fine gravel to ½*, seashells, organics		SM/ FILL	Damp	FID = 778 PID = 0.0
9	<u> </u>						SAND, fine sand, poorly graded, seashells, trace fine gravel to ½" sub		SP/ * FILL		
		1.6'	SBP-SO-353A-0810 Full Suite less dioxin			Black	SAND, some silt, some gravel. Fine-medium sand poorly graded, fine gravel ½" – 1" subrounded, glass, burned wood, ash	-coarse	SM/ FILL	Wet / saturated	FID = 114 PID = 0.0
10	_	2.0'	and SPLP 1/21/04 @ 1450	EOB @ 10' bgs	<u> </u>		EOB at 10' bgs – Backfill 10' – 1' with Bentonite chips and topsoil	(1' - 0')			FID = 14 PID = 0.0
TYPE OF	DRILLING	RIG.	GEOPROBE – Tr	ack mounted	(Rig 4) LT 54		Nata			7-1 7	A#10 1
ŀ		ICING BORII		acit mounted	(149 4) 11 04	1	Note:	hoeton sout-!-	oina	Tetra Tech	NUS, Inc.
	OF SOIL S		Macro-Core Oper	tube Confin	wous samplin	a in 2' inter	PACM = Potential as rais				•)
[OF ROCK		N/A			gor		Pesticides/PC SPLP metals ar	nd PCRs	als,	
1	OWATER LE		Water table at ap	proximately 1	0' bgs (1.5" H	₂ 0 in botton		s, and VOCs			

Phase II - Flag number 382 - FID and PID = E, Former Landfill Area

OTHER OBSERVATIONS:

PAGE: 1 OF

BORING NO.: 353A

	ECT NO.: N1369 EED BY: K. Jalkut ED BY (Company/Driller): Aquifer Drilling & Testing/S. Przybylski SURFACE ELEVATION: BLOWS SAMP SAMPLING DEPTH SOIL						TRANSCRIBED BY: LJD COI	RING NO.: ART DATE: MPLETION: DATE: DN. WELL NO.: ECKED BY:	354 12/10/03 12/10/03 N/A JL	
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL. DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION Ballfield - outfield	USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		1.9'	SBP-SO-354-0002 Screening		Dense	Red - Brown	SAND - trace sift	SP/Fill	Damp – grass/root plug approximately 3.5"	FID = 0.0 PID = 0.0
1		2	12/10/03 @ 1015		Loose	Tan - Gray	SAND - fine-medium sand, poorly graded, seashells		Dry	
									_	FID = 0.0 PID = 0.0
2			SBP-SO-354-0204	_	Dense	Brown	Compressed organic material, fine-medium SAND, poorly gra	aded, roots, PT/SP	Organic roots and reeds	FID = 12 PID = 0.0 FID = 0.5
		1.8'	Screening				reeds	Mix	Organic roots and reeds	PID = 0.0 PID = 0.0
3			12/10/03 @ 1025	_						PID = 0.0
		:					↓		Dry	FID = 76
4				EOB @			PACM at end, shiny needle like fibers			PID = 0.0
				4' bgs			EOB @ 4' bgs - Backfill with bentonite chips (4' – 1') and tops	soil (1' – 0')	-	
										<u> </u>
				1	,					
								,		
METHOD		CING BORIN					Note		Tetra Tech	NUS, Inc.
METHOD	OF SOIL S/ OF ROCK (WATER LE	CORING:	Macro-core open tu N/A	be. Continuo	ous to 4' in 2' int	ervals	PACI	M = Potential asbestos containing materia		L
-	BSERVATI		Phase I Flag Numb	er 527; forme	er landfill area		BORI	NG NO.: 354	PAGE: 1	OF 1

BORING I	LOG FOR:		Raymark OU9 RI/	FS				BORING NO	١.	355	
PROJECT	NO.:		N1369					START DAT		12/10/03	
LOGGED	BY:		J. Lambert			-	TRANSCRIBED BY: RAC	COMPLETIC		12/10/03	
DRILLED	BY (Compa	any/Driller):	Aquifer Drilling and	Testing/Rol	b Ullmann			MON. WELL		N/A	
GRD. SUF	RFACE ELI	EVATION:					ELEVATION FROM:	CHECKED E		T. Dorgan	
	1				1		77	U. L.			
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP	SAMPLING TIME & SAMPLE NO.	MAT'L CHG./ WELL	DENSITY/ CONSIS. or ROCK	CLR	MATERIAL CLASSIFICATION		uscs or ROCK	(moisture condit o geological classi	n; odors; SCREENING fication; DATA
0	N/A	LENG.	(QA/QC STATUS)	PROF'L	HARD.				BRKN	rock weathering	g; etc.) <i>METHOD</i> = [FID, (PPM)]
		1.7'	SBP-SO-355-0002 Screening		Slightly Loose	Brown	0' - 0.9' - Silty fine SAND, some organics (roots)	SM	Moist	PID = 0.0
1		/	12/10/03 @ 1025								FID = 0.0
						Red Brown	0.9' - 1.7' - Fine-coarse SAND, trace gravel - a	ppears oxidized	sw		
2											
		. /	SBP-SO-355-0002	1	-	Gray	0' - 1.6' - Fine-Medium SAND, trace shells		SP		
		1.9'	Screening		<u> </u>		 				PID = 0.0
3		, 2.0	12/10/03 @ 1030					. <u></u> ,			FID = 0.0
							<u> </u>				
4				<u></u>	Slightly Dense	Dark	1.6' – 1.9' – SILT, trace fine sand. When broker numerous very fine fibers - PACM	n open, has	ML/Fill	Possible Waste	
				EOB @ 4' bgs							
											
								·			
									-		
,											
i									,		
											
<u> </u>			······································		ļ	l	<u> </u>				
	DRILLING F		GeoProbe - Track n	nounted (Rig	2)					To	etra Tech NUS, Inc.
METHOD	OF ADVAN	CING BORIN	G: Direct - Push					Note:			
	OF SOIL SA		Macro – Core – open	tube continu	ous to 4' in 2' ir	ntervals		PACM = Poten			
	OF ROCK C		N/A						ining materia		
	WATER LEV					-					
OTHER O	BSERVATIO	DNS:	Phase 1. Flag Numb	er 381: Form	er Landfill area	, Soccer Field		BORING NO.	355	D/	GE: 1 OF 1

	「NO.: BY: BY (Comp	: pany/Driller) .EVATION:			/M. Sarro		BORING NO.: START DATE: TRANSCRIBED BY: RAC COMPLETION MON. WELL N ELEVATION FROM: CHECKED BY	0.:	355A 1/21/04 1/21/04 N/A JL	
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION Soccer Field	USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
2		2.0'	SBP-SO-355A-0002 Full Suite, DAS metals less dioxin and SPLP 1/21/04 @ 0845				Refer to Boring Log Number 355 for soil profiles from 0' to 4' bgs		Grass/root plug approximately 2" Geomembrane at approximately 2'. No visible PACM	FID = 0.0 PID = 0.0
		2.0'	SBP-SO-355A-0204 Full Suite						Visible PACM/waste at 3.4' – 4'	FID = 0.0 PID = 0.0
4			1/21/04 @ 0917		Loose	Tan -	SAND, fine sand, trace medium sand, poorly graded, seashells	SP/Fill	Damp	FID = 155 PID = 0.0 FID = 12
5						Gray Red Brown	SAND, trace silt, trace gravel. Fine-medium sand, poorly graded, fine and coarse subrounded gravel ½" to 1 ½"		No visible - PACM/waste 4.1' – 4.9'	PID = 0.0 FID = 961 PID = 0.0
		2.0'	SBP-SO-355A-0406 Full Suite, DAS metals		Dense	Black Brown	WASTE – compressed fibrous material, with long shiny fibers, similar to sand sitt mix	Waste	Visible PACM/Waste at 5' – 5.6', Damp	FID = 68 PID = 0.0
6		2.0'	less dioxin and SPLP 1/21/04 @ 0955	EOB @	<u> </u>	Black	SILT, some sand. Fine sand poorly graded Silty SAND, some gravel, fine-coarse sand well graded, fine-coarse subrounde gravel ½ - 1 ½, clinkers, ash, organics	SM/Fill	Wet silt-sand mix	FID = 130 PID = 0.0
				6' bgs			EOB at 6' bgs – Backfill (6' – 1') with Bentonite chips and topsoil (1' – 0')			
,										
								>		
								-		
	OF ADVAN	NCING BOR SAMPLING:	GEOPROBE Ti Direct Push Macro-Core Oper N/A		· · · · · · · · · · · · · · · · · · ·		dioxin, SPLP m	des/PCBs, m etals and PC	etals.	NUS, Inc.
GROUND	MATERIE	VELS:	Water table appro	ovimately 6' -	2" Hall in har	ehole ner o	riller asbestos, and \	OCs .	('	

GROUNDWATER LEVELS:

OTHER OBSERVATIONS:

Water table approximately 6' - 2" H₂0 in borehole per driller Phase II - Flag number 381 - FID and PID = E, Former Landfill Area

PAGE: 1 OF

BORING NO.:

355A

BORING I	OG FOR:		Raymark OU9 RI/	FS			BORING NO		356	
PROJEC1	NO.:		N1369				START DAT	Ξ;	12/10/03	
LOGGED	BY:		K. Jalkut				TRANSCRIBED BY:LJD COMPLETIC	N: DATE:	12/10/03	
DRILLED	BY (Compa	any/Driller):	Aquifer Drilling &	Festing/S. Pr	zvbvlski		MON. WELL	NO.:	N/A	
	RFACE ELE				- 1 is 1 i		ELEVATION FROM: CHECKED B		JL	
	BLOWS	SAMP	SAMPLING	DEPTH	SOIL			uscs	REMARKS	FIELD
DEPTH (FEET)	PER 6"	REC.	TIME &	MAT'L	DENSITY/		MATERIAL	OSCS	(moisture condition;	SCREENING
("	SAMP	SAMPLE NO.	CHG./ WELL	CONSIS. or ROCK	CLR	CLASSIFICATION	ROCK	odors; geological	DATA
0	N/A	LENG.	(QA/QC STATUS)	PROF'L	HARD.	CLK	Ballfield - outfield	BRKN	classification; rock weathering; etc.)	METHOD = [FID, (PPM)]
			SBP-SO-356-0002	1.10, 2	11110	Red -	SAND – trace silt, trace gravel, fine-medium sand mostly, poorly graded	, SP/Fill	Grass/root plug =	FID = 0.0
		2' /	02. 00 202 2022		Dense	Brown	coarse gravel subrounded to 1 1/4"	' 5171	approximately 3"	PID = 0.0
			Screening			Tan -	CAND for modium posts and acceptable		,	
١,		/ 4	40140100 @ 4005			1	SAND fine-medium, poorly graded, seashells	↓	Damp	FID = 0.0
1		·	12/10/03 @ 1035	j	Loose	Gray				PID = 0.0
		į					Matted ORGANICS with fine-medium SAND intervals up to 1/2" thick an	I PT/SP	Dry	
					Dense	Black	coarse gravel to 1" subrounded, organic fibers	Fill	Descible for a section	
									Possible trap rock	FID = 0.0
2										PID = 0.0
			SBP-SO-356-0204	1			Silty SAND, trace gravel, fine-medium sand, trace coarse sand, poorly	SM/Fill		FID = 86
		1.5'					graded, coarse gravel, subrounded to 1", matted organic fibers (mix)		<u> </u>	PID = 0.0
	-	/ _{2'}	Screening		 				Crushed stone pieces	
		/ 4	40/40/02 @ 4040		1 1				Wet	FID = 0.0
3			12/10/03 @ 1040	4		V.				PID = 0.0
					Loose	White	Crushed STONE/GRAVEL	GP		
									Dn.	
					i i	Black	SAND, some gravel, fine-coarse sand, well graded fine-coarse gravel,	2 SW/Fill	Dry	FID = 0.0
4					₩-		- 3/4 " subrounded, metal fragments to 2", glass, charcoal		İ	PID = 0.0
				EOB @				-		
		†		4' bgs	i		EOB @ 4' bgs - Backfill with bentonite chips (4' - 1') and topsoil (1' - 0'	, I		
<u> </u>	-	1		1				<u></u>	-	
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	<u>L</u>]	<u> </u>	<u> </u>				<u> </u>
TYPE OF	DRILLING F	SIG.	Geoprobe 4 X 4 Mu	le					Total	- AU (O (
		CING BORIN							retra reci	h NUS, Inc.
1	OF SOIL SA		Macro-core open tu	be Continuo	us to 4' in 2' inf	iervals				-)
	OF ROCK		N/A							T
	WATER LE									
100000										

OTHER OBSERVATIONS:

Phase I Flag Number 595; former landfill area

PAGE: 1 OF

	NO.:		Raymark OU9 RI/ N1369 J. Lambert Aquifer Drilling &		o Ulimann		TRANSCRIBED BY: RAC ELEVATION FROM:	BORING NO.: START DATE: COMPLETION: MON. WELL NO CHECKED BY:	D.:	357 12/10/03 12/10/03 N/A JD	
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP	SAMPLING TIME & SAMPLE NO.	DEPTH MAT'L CHG./ WELL	DENSITY/ CONSIS. or ROCK	CLR	MATERIAL CLASSIFICATION		USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock	FIELD SCREENING DATA METHOD =
0	NA	1.6' /	(QA/QC STATUS) SBP-SO-357-0002	PROF'L	HARD. Slightly Loose	Red-Brown	0' - 0.9' - Sandy (fine sand) SILT, some organics	(grass, roots)	OL	weathering; etc.) Moist	[FID, (PPM)] PID = 0.0
1		2'	Screening 12/10/03 @ 1040	1 (1			V		FID = 0.0
						Brown	0.9' - 1.6' - Fine coarse SAND, trace silt, trace fir	ne gravei	sw		
2			SBP-SO-357-0204			₩ Red-Brown	0' - 0.4' - Medium to coarse SAND		SP		
3		1.9'	Screening 12/10/03 @ 1045				0.4' – 0.9' – Sandy SILT (fine sand)	,	ML		PID = 0.0
		•				Gray	0.9' – 1.2' – Fine-medium SAND		SP		PID = 0.0
4				EOB @	Slightly Dense	Dark Brown	1.2' – 1.9' – Compacted SILT, when pulled apart PACM	, has very fine fibers -	ML/Fill	₩	FID = 0.0
				4' bgs	-	-					
				-							
,											
				_							
											<u>.</u>
	DRILLING F		GEOPROBE – Tra	ck- mounted	(Rig 2)			Note:		Tetra Tecl	n NUS, Inc.
METHOD METHOD	OF SOIL SA OF ROCK (ORING:	IG: DIRECT- PUSH MACRO-CORE O N/A	pen tube cor	ntinuous sampl	les to 4' in 2' ir	ntervals	PACM = Potential	asbestos g material	T	t
	WATER LEY BSERVATIO		Phase I Flag Nu	mber 380	Former L	andfill Area	Soccer Field FID/PID = C	BORING NO.: 3	57	PAGE:	1 OF 1

BORING L	OG FOR:		Raymark OU9 RI/	/FS				BORING NO.:		357A	
PROJECT	NO.:		N1369					START DATE:		1/21/04	
LOGGED	BY:		J. Lambert				TRANSCRIBED BY: RAC	COMPLETION:		1/21/04	
DRILLED	BY (Compa	any/Driller):	Aquifer Drilling &	Testing/Rol	b Ulimann			MON. WELL NO		N/A	
GRD. SUF	RFACE ELE	EVATION:					ELEVATION FROM:	CHECKED BY:		JD	
		SAMP	SAMPLING	DEPTH	SOIL	34	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			REMARKS	CIELD
DEPTH	BLOWS PER	REC.	TIME	MAT'L	DENSITY/		MATER	RIAL	USCS	(moisture condition;	FIELD SCREENING
(FEET)	6"	1	&	CHG./	CONSIS.	Į	CLASSIFIC		or ROCK	odors; geological	DATA
1		SAMP	SAMPLE NO.	WELL	or ROCK	CLR			BRKN	classification; rock	METHOD =
0	NA	LENG.	(QA/QC STATUS)	PROF'L	HARD.		Defends Design Law Manager 057.5	- !! #!		weathering; etc.)	[FID, (PPM)]
			SBP-SO-357A-0002				Refer to Boring Log Number 357 for so	on prome details from 0 = 4 bgs			
		ļ	Full Suite, less dioxin								
			and SPLP								
1			1/21/04 @ 0950								
				İ						(geomembrane)	
]						
2				_		ļ			$\overline{}$		
			SBP-SO-357A-0204								
			Full Suite, less dioxin			ļ <u>.</u>					
		_	and SPLP								i
3			1/21/04 @ 1005	_		<u> </u>				<u> </u>	<u> </u>
							1				
										1	
					ļ		↓				
4				_]							
			SBP-SO-357A-0406		Slightly	Black	0' - 0.4' - Fine sandy SILT, PACM fil	bers scattered throughout, trace	ML/Fill	Moist	
		1.6'	Full Suite		Dense		gravel			PACM noted in sample	
		2'	T un ounc		Slightly	Gray	0.4' 0.8' Fine-medium SAND		SP	Sample	
5		<u> </u>	1/21/04 @ 1035		Loose						FID = 0.2
						Black	0.8' - 1.2' - Silty fine-medium SAND,	some glass	SM/Fill		
						Dark Gray	1.2' 1.4' Fine sandy SILT				
		1				Black	1.4' - 1.6' - Cinder (large)		Fill	↓	
6											<u></u>
			SBP-SO-357A-0608		▼	Gray	0' - 0.1' - Fine-medium SAND		SP	Wet - petroleum odor	
		1.4'	Full Suite, less dioxin	1	Slightly Dense	Red-Gray	0.1' - 0.4' - Fine-medium SAND, som] [PID = 0.0
		/ 2	and SPLP	1		Dark	0.4' - 0.5' - Silty fine to coarse SANI	D, trace subrounded gravel, some	SM/Fill		
7			1/21/04 @ 1100		1	Brown	cloth (fragment)				FID = 20.8
						Light Gray	0.5' - 0.6' - Mica, crushed			PACM noted in	
						j				sample	
						Black	0.6' - 1.4' - Silty fine-medium SAND,	trace paper, some glass	SM/Fill		
8					₩						
					1 (D) - 0)						
1	DRILLING F		GEOPROBE - Tra	ick- mounted	ı (rag 2)			— Note:	(DOD.	Tetra Tech	NUS, Inc.
		ICING BORI	NG: DIRECT- PUSH MACRO-CORE O	nen tuba car	ntinuous campla	e to 4' in 2' in	tonale	Full Suite = SVOCs, Pesticio dioxin, SPLP me		n- '	
IMETHOD	OF SOIL SA	AMPLING:	MACKU-CUKE U	heu mae coi	เนเลยงนร รสกฤปป	3 tO T (11 & 11)	ioi taio	GOVER OF ELLING	will all a little	∠DS,	

Former Landfill Area - Soccer Field

FID/PID = F

METHOD OF SOIL SAMPLING:

METHOD OF ROCK CORING:

GROUNDWATER LEVELS:

OTHER OBSERVATIONS:

N/A

Approximately 6' bgs

Phase II Old Flag Number 380

PAGE:

asbestos, and VOCs
PACM = Potential asbestos containing material

BORING NO.: 357A

BORING L			Raymark OU9 RI/	FS .				BORING NO.:		357A		
PROJECT			N1369					START DATE:		1/21/0		
LOGGED			J. Lambert				TRANSCRIBED BY: RAC	COMPLETION	: DATE:	1/21/0)4	
		any/Driller):	Aquifer Drilling &	Testing/Rob	Ullmann			MON. WELL N		N/A		
GRD. SUR	RFACE ELI	EVATION:					ELEVATION FROM:	CHECKED BY:	i	_JD		
		SAMP	SAMPLING				3		_	***************************************		
DEPTH	BLOWS PER	REC.	TIME	DEPTH MAT'L	SOIL DENSITY/		MATE	DIAI	USCS		EMARKS ture condition;	FIELD SCREENING
(FEET)	6"	/	&	CHG./	CONSIS.		CLASSIF		or		rs; geological	DATA
	_	SAMP	SAMPLE NO.	WELL	or ROCK	CLR			ROCK BRKN		sification; rock	METHOD =
8	NA	LENG.	(QA/QC STATUS)	PROF'L	HARD.	<u> </u>					thering; etc.)	[FID, (PPM)]
		. ,	SBP-SO-357A-0810		Slightly Dense	Light Gray	0' - 0.2' - Fine-medium SAND	en al	SP	Wet		
		1.2'	Full Suite, less dioxin		Dense	Dark Gray	0.2' - 0.3' - Silty fine SAND, some gr		SM		petroleum odor	
		/ 2	and SPLP		l i	1 1	0.3' 0.5' Silty fine to coarse SANi	D, some organic material, possible				
9			1/21/04 @ 1150			V	hay		1 T I			
						Black	0.5' - 0.7' - WOOD, 1 piece copper v	wire	Fill		trace glass	
							0.7' - 1.1' - Silty fine SAND		SM	1		
		1				Gray	1.1' - 1.2' - GRAVEL, coarse		GP	1		
10		1			♦				1 /			
			SBP-SO-357A-1012	1	Slightly	Dark	Fine sandy SILT, some organics, trac	ce coarse sand, trace shell	OL			
j		1.4'	Full Suite, less dioxin		Loose	Brown		·	l ï l			PID = 0.0
		/ 2'	and SPLP			<u> </u>			1 7	1		
11		i	1/21/04 @ 1400									FID = 7.5
				1						 		110 7,0
						 			-	1		<u> </u>
12					↓	↓	·	∀		♦		
-14				EOB @	,	 			 	⊢		
				12' bgs]					l		
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TYPE OF I			GEOPROBE - Trac	ck- mounted	(Rig 2)			Note:			Tetra Tech	NUS, Inc.
		CING BORIN			<i>t</i> !	4- 411: 011		Full Suite = SVOCs, Pes				
4	OF SOIL SA		MACRO-CORE OF	pen tube con	unuous sampl	es to 4 in 2' in	nervais	dioxin, SPLP asbestos, an		PCBs,		 -
1	OF ROCK (N/A				· · · · · · · · · · · · · · · · · · ·	PACM = Potential asbesto		material		La j
4 '	NATER LE'		Approximately 6' bg		20 Ear	or Landfill Ass	es - Soccer Field FID/DID - F					
OTHER OBSERVATIONS: Phase II Old Flag Number 380 Former Landfill Area Soccer Field FID/PID = F BORING N							BURING NU.:	307A		PAGE: 2	QF 2	

BORING I	LOG FOR:		Raymark OU9 RI/	FS			BORING NO.:		358	
PROJECT	NO.:		N1369				START DATE		12/10/03	
LOGGED	BY:		K. Jalkut				TRANSCRIBED BY: LJD COMPLETION	N: DATE:	12/10/03	
DRILLED	BY (Compa	any/Driller):	Aquifer Drilling &	Testing/S. P	rzybylski		MON. WELL I	NO.:	N/A	
GRD. SU	RFACE ELI	EVATION:					ELEVATION FROM: CHECKED BY	′ :	JL	
r				98 11 12 12 13 13 14 15 15 15 15 15 15 15 15 15 15 15 15 15		5 Millionia de la compansión de la compa				
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP	SAMPLING TIME & SAMPLE NO.	DEPTH MAT'L CHG./ WELL	SOIL DENSITY/ CONSIS. or ROCK	CLR	MATERIAL CLASSIFICATION	USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock	FIELD SCREENING DATA METHOD =
0	N/A	LENG.	(QA/QC STATUS)	PROF'L	HARD.	ļ <u></u>	Ballfield - fringe of outfield and infield		weathering; etc.)	[FID, (PPM)
		1.8'	SBP-SO-358-0002		Dense	Red - Brown	SAND trace silt, fine-medium sand, poorly graded, roots	SP/Fill	Grass/root plug = approximately 3"	FID = 0.0 PID = 0.0
1		/ ²	Screening 12/10/03 @ 1050		Loose	Tan - Gray	SAND – fine-medium, poorly graded, seashells		Damp	
									Damp	FID = 0.0 PID = 0.0
2			SBP-SO-358-0204	_		 	1	+		FID = 0.0
		2' / 2'	Screening		+	+	MATTED MATERIAL – compressed and firm, mix of organic roots,	PT/SP	- Dry	PID = 0.0
3			12/10/03 @ 1100	4	Dense	Black	reeds, silty sand (fine-medium sand, trace coarse sand, poorly graded), glass, rubber rings, metal	Fill		
					_	↓			- Dry	FID = 0.0 PID = 0.0
4					Loose	Tan- gray	SAND – trace gravel (coarse gravel to 1" subrounded) (fine-medium sand, trace coarse sand)	SP/Fill		FID = 0.0 PID = 0.0
				EOB @ 4' bgs			EOB @ 4' bgs - Backfill with bentonite chips (4' - 1') and topsoil (1' - 0')			
										<u></u>
,		-								
								,		
		}					·			
TYPE OF	DRILLING	DIG:	Geoprobe 4 X 4 Mu	ıle					Total T	6 AU 10 June
		KIG. ICING BORIN							retra Tec	h NUS, Inc.

Macro-core open tube. Continuous to 4' in 2' intervals

Phase I Flag Number 573; former landfill area

N/A

METHOD OF SOIL SAMPLING:

METHOD OF ROCK CORING: GROUNDWATER LEVELS:

OTHER OBSERVATIONS:

ITINUS For	m 0018
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PAGE:

PROJECT LOGGED DRILLED GRD. SUF	NO.: BY: BY (Compa	any/Driller): EVATION:	Raymark OU9 RI/ N1369 J. Lambert Aquifer Drilling &		Ullmann _		TRANSCRIBED BY:DH	START DATE: COMPLETION: DATE: MON. WELL NO.: CHECKED BY:	359 12/10/03 12/10/03 N/A JD			
DEPTH (FEET)	BLOWS PER 6" N/A	. SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION	USCS or ROCK BRKN	(moisture condition;	FIELD SCREENING DATA METHOD = [FID, (PPM)]		
		1.6'	SBP-SO-359-0002		Slightly Loose	Brown	0' - 1.0' - Silty, fine-coarse SAND	SM		PID=0.0 FID=0.0		
1		2.0'	Screening 12/10/03 @ 1100				1.0' - 1.6' - Fine- coarse SAND, some silt			115 0.0		
2						<u> </u>	 	_		<u>L</u>		
		1.9'/	SBP-SO-359-0204 Screening			Red- Brown	0' - 0.6' - Medium-coarse SAND 0.6' - 1.5' - Sandy (fine-coarse sand) SILT	SP ML	1" piece of material (matted together) in Macro-core (geotextile)	PID=0.0 FID=0.0		
3		2.0'	12/10/03 @ 1105			<u> </u>			(355.5.0.0)			
						Brown	1.5' - 1.7' - (color change only)	+				
4					<u> </u>	Gray	1.7' - 1.9' - Fine-medium SAND, trace shell fragments	SP				
				EOB @ 4' bgs								
,						ļ						
				_				\$				
									_			
						<u> </u>				<u> </u>		
	DRILLING I		GEOPROBE Tra	ck- mounted ((Rig 2)			• • •	Tetra Tech	NUS, Inc.		
METHOD	OF ADVAN OF SOIL S OF ROCK			MACRO-CORE Open tube continuous samples to 4 feet in 2 foot intervals								
1	WATER LE		Phase I FID= C	PID= (C Fla	ıg number	379 Former Landfill area - Soccer field	BORING NO.: 359	PAGE: 1	OF 1		
- CHILLY C	COMITE VALUE					×				O		

BORING I	OG FOR:		Raymark OL	J9 RI/FS	<u> </u>		BORING N	10.:	3	360		
PROJECT NO.: N1369							START DATE: 12/10/03					
LOGGED BY: K. Jalkut							TRANSCRIBED BY: RAC COMPLETION: DATE: 12/10/03					
DRILLED BY (Company/Driller): Aquifer Drilling & Testing/S. Przybylski						ski	MON. WEI	N/A				
GRD. SU	RFACE EL	EVATION	:				ELEVATION FROM: CHECKED	BY:		JL		
		SAMP	SAMPLING	DEPTH	EQU.				AL THE TANK AND THE T	PELABORO		
DEPTH	BLOWS !	REC.	TIME	MAT'L	SOIL DENSITY/		, MATERIAL	ປະ	SCS	REMARKS (moisture condition;	SCREE	
(FEET)	6"	1	&	CHG./	CONSIS.		CLASSIFICATION		or	odors; geological		TA
	i -	SAMP	SAMPLE NO.	WELL	or ROCK	CLR			OCK RKN	classification; rock	METH	IOD =
0	NA NA	LENG.	(QA/QC STATUS)	PROF'L	HARD.	<u> </u>	Ballfield - Infield Area			weathering; etc.)	[FID, (I	
			SBP-SO-360-0002		Dense	Red - Brown	SAND, trace silt. Fine-medium sand, poorly graded, organic roots	SI	P/Fill	Grass/root plug	FID	PID
		2'	Screening			PIOMII				approximately 2" - Damp	0.0	0.0
		2'			N 1 1	↓		İ		Damp		1
1	ł		12/10/03 @ 1135	1	<u> </u>		<u> </u>					<u> </u>
				1	Loose	Tan -	SAND. Fine-medium sand, poorly graded, seashells			Dry		
						Gray						ı
											0.0	
2											0.0	0.0
			SBP-SO-360-0204	1						Saturated sand		
		1.8'	Comoning			•	Y		▼		4.7	0.0
		2'	Screening	1 1	Dense	Black	Compressed ORGANIC MATERIAL, with fine-medium sand, trace coarse sand		i/PT/	Dry		
3		,	12/10/03 @ 1140			lı	silt, fine and coarse subrounded gravel to 1", clay sized particles (gray), organic	cs, reeds	SP			ĺ
				1					T			
				1							17.2	0.0
	<u> </u>			l .					1	1		
4					▼	▼	↓		\downarrow	♥	13.6	0.0
····				EOB @		1	-		. •		-	<u> </u>
				4' bgs		1	EOB @ 4' bgs – Backfill with Bentonite chips (4'-1') and topsoil (1'-0')					1
-	<u> </u>			1						1		
						1						l
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	<u> </u>	<u> </u>	l							<u> </u>	İ	L
TYPE OF	DRILLING	RIG [,]	GEOPROBE	_ 4 X 4 Mu	le			 -		Tetra Tech	NUC	
		NÇING BOI			•		1011			reua rech	NUS, 11	HC.
		SAMPLING:			ube continuous	samples to	o 4' in 2' intervals				<u>.</u> .)	
	OF ROCK		N/A	F 5		F3						
	WATER LI											
OTHER OBSERVATIONS: Phase I Flag Number 572							BORING NO	360		PAGE: 1	OF	1

PROJECT LOGGED DRILLED	BY:	any/Driller): EVATION:	Raymark OU9 RI/ N1369 J. Lambert AQUIFER DRILLI		NG/ Rob		TRANSCRIBED BY:DH	START DATE: COMPLETION MON. WELL N	BORING NO.: START DATE: COMPLETION: DATE: MON. WELL NO.: CHECKED BY:		361 12/10/03 12/10/03 N/A JD	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	OEPTH MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION		USCS or ROCK BRKN	(moistu odors; classifi	re condition; geological cation; rock ering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		1.5'	SBP-SO-361-0002 Screening		Slightly Loose	Red- Brown	0' - 0.7' - Sandy SILT, fine sand		ML	Moist	<u></u>	PID=0.0 FID=0.0
1			12/10/03 @ 1125	1	Loose	Brown	0.7' - 1.5' - Fine-coarse SAND, some gravel	(rounded)	sw			
2												
		1.8' 2.0	SBP-SO-361-0204 Screening		Slightly Loose	Red Brown Dark	0' - 1.0' - Fine-medium SAND 1.0' - 1.5' - Fine-medium SAND, some silt		SP	Geo	osynthetic liner	PID=0.0 FID=0.0
3			12/10/03 @ 1130	-		Brown	1.5' - 1.8' - Silty, fine-coarse SAND, trace gr	avel also wood	▼ SM/Fill	▼ app	material at roximately 3.5'	
							pieces(blackened), trace charco	al				
4				EOB @ 4' bgs						-		
				-	<u> </u>							
•									,			
											-	
METHOD METHOD METHOD	DRILLING F OF ADVAN OF SOIL SA OF ROCK (WATER LE	CING BORIN AMPLING: CORING:	MACRO-CORE OF N/A	pen tube conti	nuous samples						Tetra Tech	NUS, Inc.
OTHER O	BSERVATION	ONS:	Phase I FID= C	PID= (C Flag	number 37	8 Former Landfill area - Soccer fie	eld BORING NO.	361		PAGE: 1	OF 1

PROJECT LOGGED DRILLED	GRD. SURFACE ELEVATION: BLOWS SAMP SAMPLIN			Testing/S. F	Przybylski		## SORING NO.: 362 START DATE: 12/10/03		
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION Ballfield - infield MATERIAL CLASSIFICATION USCS or ROCK BRKN (moisture condition; odors; geological classification; rock weathering; etc.)	SCRE DA META	ELD ENING ATA HOD = (PPM)]
1		1.8' 2'	SBP-SO-362-0002 Screening 12/10/03 @ 1155		Loose	Red Brown Tan - Gray	SAND, trace silt. Fine-medium sand, poorly graded, organic roots SP/Fill Grass/roots plug = approximately 3* Damp SAND. Fine-medium sand, poorly graded, seashells	FID 0.0	9.0 0.0
2								0.0	0.0
3		1.8' 2'	SBP-SO-362-0204 Screening 12/10/03 @ 1200				Damp	0.0	0.0
					Dense Loose	Dark Brown Tan - Gray	SAND/MATTED ORGANIC MATERIAL. Fine-medium sand, trace coarse sand, roots, reeds, poorly graded SAND. Fine-medium sand, poorly graded, seashells SP/Fill	0.0	0.0
4				EOB @ 4' bgs			EOB @ 4' bgs - Backfill with Bentonite (4'-1') and topsoil (1'-0')		
				-					
							,		
								-	
TYPE OF	DRILLING I	RIG:	GEOPROBE – 4 X	4 Mule		(3	Tetra Tech	NUS.	Inc.

METHOD OF ADVANCING BORING:

METHOD OF SOIL SAMPLING:

METHOD OF ROCK CORING: GROUNDWATER LEVELS:

OTHER OBSERVATIONS:

DIRECT- PUSH

Phase I Flag Number 545

N/A

MACRO-CORE Open tube continuous samples to 4' in 2' intervals

Former Landfill Area

BORING L	OG FOR:		Raymark OU9 RI/	FS				BORING NO .:		363	
PROJECT	NO.:		N1369					START DATE:		12/10/03	
LOGGED	3Y:		J. Lambert		•		TRANSCRIBED BY:DH	COMPLETION:	DATE:	12/10/03	
DRILLED I	3Y (Compa	any/Driller):	Aquifer Drilling &	Testing/ Rob	Ullmann			MON. WELL NO	D.:	N/A	
GRD. SUR	FACE ELI	EVATION:					ELEVATION FROM:	CHECKED BY:		JD	
				Transport de	I amount						and the second
DEPTH	BLOWS PER	SAMP REC.	SAMPLING TIME	DEPTH	SOIL		A A A STREET, A A		USCS	REMARKS	FIELD
(FEET)	6"	/ /	&	MAT'L CHG./	DENSITY/ CONSIS.		MATERIAL CLASSIFICATION		or	(moisture condition;	SCREENING
` '		SAMP	SAMPLE NO.	WELL	or ROCK	CLR	CLASSIFICATION		ROCK	odors; geological classification; rock	DATA METHOD =
0	N/A	LENG.	(QA/QC STATUS)	PROF'L	HARD.				BRKN	weathering; etc.)	(FID, (PPM))
			SBP-SO-363-0002	1	Slightly	Red-	0' - 0.9' - Silty, fine-medium SAND, some loose sa	ind, trace gravel,	SM	Moist	PID=0.0
		1.3'	A.		Loose	Brown	topsoil/grass top 0.3'				FID=0.0
	-	/2.0°	Screening				<u> </u>				
1			12/10/03 @ 1145	D		🔻			♦		l l
				1	Slightly	Brown	0.9' - 1.3' - Gravelly, fine-coarse SAND		sw		
					Dense	1	Side the charactery, mile decise of the		1		
								· · · · · · · · · · · · · · · · · · ·	- 4		
2											
	••		SBP-SO-363-0204	4	<u> </u>	+	0' - 1,4' - Similar to above		-		
		1.7'	3DF-3U-303-0204				0 - 1.4 - Silinial to above				PID=0.0
			Screening								FID=0.0
		2.0'									
3			12/10/03 @ 1150								
					Slightly	Red-	1.4' - 1.7' - Fine-medium SAND, trace coarse sand		SP		
					Loose	Brown					
						1 1 1					
4					. ▼	<u> </u>					V.
-				EOB @		1 1					
				4' bgs							10
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			L <u>.</u>							<u> </u>	
TYPE OF I	DRILLING F	RIG:	GEOPROBE – Trac	k- mounted (Ria 2)	-		· · · · · · · · · · · · · · · · · · ·		Totro Took	NUIS Inc
		CING BORIN			-3-j		· · · · · · · · · · · · · · · · · · ·			Tetra Tech	IVUS, INC.
METHOD			MACRO-CORE Or	en tube conti	nuous samples	to 4 feet in	2 foot intervals	_			•)
METHOD			N/A							ļ I	
GROUND			•								シー
OTHER OF			Phase I FID≂C	PID= C	Flag	number 3	96 Former Landfill area – Soccer field	BORING NO.: 3	63	PAGE: 1	OF 1
							,				tNUS Form 0018

BORING L			Raymark OU9 RIA	/FS				BORING NO.:		364	
PROJECT LOGGED			N1369 J. Lambert				TRANSCRIPTO DV. DII	START DATE:		12/10/03	
		any/Driller):	Aquifer Drilling &	Testing/ Rob	Lillmann		TRANSCRIBED BY:DH	COMPLETION: D MON. WELL NO.		12/10/03	
	RFACE ELI		Aquiter Drilling &	reating/ Nob	Cililaini	·-	ELEVATION FROM:	CHECKED BY:	.:	N/A JD	
		1		~				OFFICALD BY.		_ 10	41
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL	DENS TY/ CONSIS. or ROCK	CLR	MATERIAL CLASSIFICATION		USCS or ROCK BRKN	(moisture condition; odors; geological classification; rock	FIELD SCREENING DATA METHOD =
	7477	LE.TO.	SBP-SO-364-0002	PROF'L	HARD. Slightly	Brown	0' - 0.2' - Grass and roots, (topsoil)			weathering; etc.)	[FID, (PPM)]
		1.5'	Screening	1	Loose	Biomir	0.2' - 0.6' - Sandy SILT (fine-medium sand)		ML	Moist	PID=0.0 FID=0.0
1		2.0'	12/10/03 @ 1300	1			1		\downarrow		
				1	*	Red Brown	0.6' - 1.1' - Silty SAND (fine-medium sand)		SM		
2					Loose	Light Brown	1.1' - 1.5' - Fine-coarse SAMD, some gravel, trace si	lt	sw		
		1.7'	SBP-SO-364-0204			1	0' - 0.7' - Similar to above				PID=0.0 FID=0.0
3		2.0'	Screening 12/10/03 @ 1305		Slightly Loose	Red Brown	0.7' - 1.5' - Medium-coarse SAND, trace gravel		SP		110-0.0
					1		1.5' - 1.7' - Sandy SILT (fine sand)		ML		PID=0.0
										Ţ	FID=0.0
4				FOD 0					9	<u> </u>	r.
				EOB @ 4' bgs					- 1		
,											
				1							
					<u>-</u>						
	· · · · · · · · · · · · · · · · · · ·			-					<u> </u>		-
											1
		·		<u> </u>	L,						
	DRILLING F		GEOPROBE - Trac	ck- mounted (I	Rig 2)					Tetra Tech	NUS, Inc.
	OF ADVANO OF SOIL SA	CING BORIN	G: DIRECT-PUSH MACRO-CORE Op	nen tube confi	nuoue eamalas	to 4 feet in 1	2 foot intervals	Note:			\supset
METHOD	OF ROCK C	ORING:	N/A	Jen woe will	naous samples	10 T 1661 III 4	L NOCUMENTALS	*No recovery 1 st sleet collected at this local		ves T	t)
	NATER LE\ BSERVATIO		Phase I FID= C	PID= C	Flar	number 3	397 Former Landfill area – Soccer field	BORING NO.: 364			
JL.(0)						, .,	. Simol paridin area – Gooder Held		* -	PAGE: 1	OF 1 tNUS Form 0018

BORING LOG FOR: Raymark OU9 RI/FS PROJECT NO.: N1369 LOGGED BY: J. Lambert						START TRANSCRIBED BY: DH COMP		BORING NO.: START DATE: COMPLETION: I	DATE:	365 12/10/03 12/10/03	
DRILLED		any/Driller): EVATION:	Aquifer Drilling &	Testing/ Rot	Ullmann		ELEVATION FROM:	MON. WELL NO CHECKED BY:		N/A JD	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOI_ DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION		USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
1		1.4' 2.0'	SBP-SO-365-0002 Screening 12/10/03 @ 1325		Slightly Loose	Brown	0' - 0.9' - Sandy (fine sand) SILT, grass and roots at	top	SM	Moist	PID=0.0 FID=0.0
			12.000 (3.102)			Light Brown	0.9' - 1.4' - Fine-coarse SAND, some gravel, some silt fragments	- charcoal	SW/Fill		PID=0.0 FID=0.0
2		1.8'	SBP-SO-365-0204 Screening	_		Dark	0' - 0.2' - Similar to above 0.2' - 1.0' - Medium-coarse SAND, some fine sand		SM		PID=0.0 FID=0.0
3		/	12/10/03 @ 1330			Red Tan/ Gray	1.0' - 1.8' - Fine-coarse SAND, some shell fragments		sw	Moist-wet	
4				EOB @ 4' bgs	 	<u> </u>	<u> </u>		<u> </u>		
									<u> </u>		
			-						*		•
TYPE OF	DRILLING F	NG:	GEOPROBE – Tra	ck- mounted ((Rig 2)					Total Total	NUIC Inc
METHOD METHOD METHOD		CING BORIN AMPLING: CORING:	G: DIRECT- PUSH MACRO-CORE OF N/A	pen tube cont	inuous samples	s to 4 feet in	2 foot intervals	- - -		Tetra Tech	t NOS, IRC.
OTHER O	BSERVATION	ONS:	Phase I FID=C	PID=C	Fla	g number :	398 Former Landfill area – Soccer field	BORING NO.: 36	55	PAGE:	1 OF 1

	NO.: BY:	any/Driller): EVATION:	N1369 J. Lambert Aquifer Drilling &) Ullmann		TRANSCRIBED BY: DH COMPL	IG NO.: `DATE: LETION: DATE: WELL NO.: KED BY:	366 12/10/03 12/10/03 N/A JD	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION	USCS or ROCK BRKN	(moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		1.4'	SBP-SO-366-0002 Screening		Slightly Loose	Brown	0' - 1.1' - Sandy (fine-medium sand) SILT	ML		PID=0.0 FID=0.0
1			12/10/03 @ 1350			Light Brown	1.1' - 1.4' - Fine-coarse SAND, trace gravel, trace silt	·sw		
2		1.9'	SBP-SO-366-0204	1			0' - 0.4' - Fine-coarse SAND, some fine gravel, trace silt, trace charcoal fragments	SW/Fill		PID=0.0 FID=0.0
3		2.0'	Screening 12/10/03 @ 1355	-		Dark Brown	0.4' - 0.8' - Fine-coarse SAND, trace gravel 0.8' - 1.3' - Fine-medium SAND, some coarse sand, trace shell	sw		715-0.0
4						Gray	fragments 1.3' - 1.9' - Fine-coarse SAND, trace shell fragments			
				EOB @ 4' bgs						
				_						
								,		
								+		
METHOD (METHOD (METHOD (GROUND)	DRILLING R OF ADVANC OF SOIL SA OF ROCK C WATER LEV BSERVATIO	CING BORIN AMPLING: CORING: VELS:	GEOPROBE - Trac DIRECT- PUSH MACRO-CORE OP N/A Phase I FID= C	pen tube contil	inuous samples	to 4 feet in		NO: 366	Tetra Tech	NUS, Inc.

BORING LOG FOR: Raymark OU9 RI/ PROJECT NO.: N1369 LOGGED BY: J. Lambert)				TRANSCRIBED BY:DH				367 12/10/03			
							TRANS	CRIBED BY:DH		COMPLETION:		12/10/03		
		any/Driller):	Aquifer Drilling &	Testing/ Rob	Ullmann					MON. WELL N		N/A		
GRD. SUF	RFACE ELI	EVATION:					ELEVA	TION FROM:		CHECKED BY:		JD		
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR		MATERIAL CLASSIFICATION	N		USCS or ROCK BRKN	(moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD =	
		1.4'	SBP-SO-367-0002		Slightly Loose	Brown		Root plug 1 - Silty fine-coarse SAND, trace gra	avel		SM	weathering, etc.)	[FID, (PPM)] PID=0.0 FID=0.0	
1		2.0'	Screening 12/10/03 @ 1420										1.2 0.0	
						Light Brown	1.1' - 1.4	' - Fine-coarse SAND, some gravel	l, trace silt		sw			
2			·											
		1.6'	SBP-SO-367-0204 Screening				Similar t	above					PID=0.0 FID=0.0	
3		2.0'	12/10/03 @ 1425	_									ļ	
											<u> </u>			
4				EOB @	+	*		Y			+		<u></u>	
	-			4' bgs			-							
		_		-	\vdash									
					<u> </u>						\vdash			
				1	\vdash								 	
,			·				-		-		\$			
				1	\vdash								-	
<u></u>					J							<u> </u>	<u> </u>	
METHOD		CING BORIN										Tetra Tecl	NUS, Inc.	
METHOD	METHOD OF SOIL SAMPLING: MACRO-CORE Open tube cont METHOD OF ROCK CORING: N/A GROUNDWATER LEVELS:			tinuous samples to 4 feet in 2 foot intervals								t]		
1	NATER LE		Phase I FID= C	PID= C	C Flag	g number	ber 407 Former Landfill area – Soccer field			ORING NO.: 3	67	PAGE: 1 OF 1		

PROJECT LOGGED & DRILLED &	ORING LOG FOR: ROJECT NO.: OGGED BY: RILLED BY (Company/Driller): RD. SURFACE ELEVATION: ROMAN AND ANY ANY ANY ANY ANY ANY ANY ANY ANY ANY						TRANSCRIBED BY:	BORING NO.: START DATE: COMPLETION: DATE: MON. WELL NO.: CHECKED BY:		368 12/10/03 12/10/03 N/A JD	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. ' / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION		USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		1.2'	SBP-SO-368-0002 Screening		Slightly Loose	Brown	0' - 0.8' - Sandy SILT (fine-medium sand)		ML	9 , 0.0. ,	PID=0.0 FID=0.0
1			12/10/03 @ 1435			Light Brown	0.8' - 1.2' - Fine-coarse SAND, some silt, some gravel		sw		
2			SBP-SO-368-0204				0' - 1.0' - Gravelly, fine-coarse SAND, some silt				
		1.9'	Screening				0 - 1.0 - Gravelly, line-warse SAND, Sortie Sill				PID=0.0 FID=0.0
3			12/10/03 @ 1440	-	Dense	Dark	1.0' - 1.4' - Medium-coarse SAND, 1.4' - 1.7' - SILT, some fine sand		SP ML		
4				EOB @	Slightly Loose	Black	1.7' - 1.9' - Fine-medium SAND, some silt		SP		
				4' bgs							
1		•							\$		
TYPE OF I		PIG:	GEOPROBE – Trac	ck mounted (Pig 2)						
4	OF ADVAN OF SOIL SA OF ROCK (VATER LE	ICING BORIN AMPLING: CORING: VELS:			nuous samples	to 4 feet in		BORING NO.: 36	8	PAGE: 1	<u>E</u>

BORING L PROJECT LOGGED DRILLED I GRD. SUF	NO.: BY: BY (Compa	SAMP REC.	Raymark OU9 RI/F N1369 K. Jaikut Aquifer Drilling and SAMPLING TIME &		Sarro Soil. DENSITY/ CONSIS.					TE: SCS or OCK	368A 1/27/04 1/27/04 N/A JL REMARKS (moisture condition; odors; geological	FIELD SCREENING DATA
0	N/A	SAMP LENG.	SAMPLE NO. (QA/QC STATUS)	WELL PROF'L	or ROCK HARD.	CLR			BF	RKN	classification; rock weathering; etc.)	METHOD = [FID_(PPM)]
			No samples for analysis 0' - 2'				Refer to Boring Log Number 368 for soil profile de	scriptions 0-4'			No sample – driller uses point from 0' – 4'	No Readings
			·									
2		,, <u>,</u> ,	No samples for analysis 2' - 4'								4' drilling No sleeves 0' 4'	
4			SBP-SO-368A-0406		Loose	Tan-	SAND, fine-medium sand, poorly graded, seashell	lo.	CF	P/Fill	·	V
		1.8' 2.0'	Screening (Phase 2) Non Raymark waste location 1/27/04 @ 1550		Loose	Gray	SAND, IIIIC-IIICUIUII Sand, pooliy gladed, seasiicii		36	/FIII	No visible PACM or waste	FID = 0.0 PID = 0.0 FID = 24 PID = 0.0
					+	V	+		,	\		FID = 42 PID = 0.0
6					Dense	Dark Brown	Sandy SILT, some organics, fine-medium sand mi organic roots, reeds	ixed with silt and	OL	/Fill	Compressed organic layer at end of sleeve	FID = 0.0 PID = 0.0
		1.8'	SBP-SO-368A-0608 Screening and Confirmation				Silty SAND, some gravel, some organics, fine-med coarse sand poorly graded, fine-coarse gravel, sul	dium sand, trace bangular to 1 ½"	SM	1/Fill	No visible PACM or waste	FID = 263 PID = 0.0
		2.0'	1/27/04 @ 1600							*		FID = 154 PID = 0.0
							- metal (possible foil)					FID = 57 PID = 0.0
8					+	+	EOB @ 8' bgs - Backfill with Bentonite chips (8' -1	') and topsoil (1'- 0')	Į,	↓	,	
TYPE OF DRILLING RIG: GeoProbe – LT 54 METHOD OF ADVANCING BORING: Direct – Push Technique METHOD OF SOIL SAMPLING: Macro – Core; Open tube, continuous sampling in 2' in Macro – Core; Open tube, continuous sa						oorehole at	7.8')	BORING NO		368A		h NUS, Inc.

PROJECT LOGGED DRILLED	BY:	any/Driller): EVATION:	Raymark OU9 Rt. N1369 J. Lambert Aquifer Drilling &		Ullmann		## BORING N START DA TRANSCRIBED BY: DH COMPLET: MON. WEL ELEVATION FROM: CHECKED	TE: ON: DATE: L NO.;	369 12/10/03 12/10/03 N/A JD	
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION	USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock	FIELD SCREENING DATA METHOD =
,		1.3'	SBP-SO-369-0002 Screening		Slightly Loose	Brown	0' - 0.2' - Root plug 0.2' - 0.6' - SILT, some fine sand, grass	ML 	weathering; etc.) Moist	[FID, (PPM)] PID=0.0 FID=0.0
1			12/10/03 @ 1505			Light Brown	0.6' - 1.3' - Fine-coarse SAND, some gravel, (fine, subrounded), trac	e SW		
2		1.7'	SBP-SO-369-0204			Dark Red	0' - 0.2' - Similar to above 0.2' - 0.9' - Fine-medium SAND, some siit			PID=0.0
3		2.0'	Screening 12/10/03 @ 1510		Cliability	Orange- Red	0.9' - 1.4' - Fine-medium SAND	SP		FID=0.0
4					Slightly Dense Slightly Loose	Dark Red Gray	1.4' - 1.6' - Sandy (fine sand) SILT	ML	Moist-wet Geotechnical fabric approximately 3.5'	
7				EOB @ 4' bgs	Loose	Glay	1.6' - 1.7' - Fine SAND, some medium sand	SP		
		:								
		·								
								٠		
TVDE OF		10.	OFORDORF T							
METHOD (OF ADVANC OF SOIL SA OF ROCK C VATER LEV	CING BORING MPLING: ORING: /ELS:	GEOPROBE - Trac DIRECT- PUSH MACRO-CORE OP N/A Phase I FID=C		nuous samples	to 4 feet in 2		260	Tetra Tech	NUS, Inc.

RORING LOG FOR: PROJECT NO.: OGGED BY: DRILLED BY (Company/Driller): GRD. SURFACE ELEVATION: Raymark OU9 RI/FS N1369 J. Lambert Aquifer Drilling & Testing/ Rob Ullmann						TRANSCRIBED BY:DH	BORING NO.: START DATE: COMPLETION: MON. WELL NO CHECKED BY:		370 12/10 12/10 N/A JD		
DEPTH PER 6" 0 N/A	REC. SAMP	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION		USCS or ROCK BRKN	(mois odo class	REMARKS sture condition; rs; geological sification; rock athering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
1	1.2'	SBP-SO-370-0002 Screening 12/10/03 @ 1525		Slightly Loose	Brown	0' - 0.2' - Grass plug 0.2' - 0.4' - Sandy, (fine sand) SILT 0.4' - 1.2' - Fine-coarse SAND, some gravel, some silt		SM	Moist	ariosing, etc.)	PID=0.0 FID=0.0
						0.4 - 1.2 - 1 me-coarse SAID, some graver, some silt		sw			
2	1.5'	SBP-SO-370-0204 Screening and Confirmation			Red- Brown	0' - 0.3' - Similar to above 0.3' - 0.5' - Sandy (fine sand) SILT		ML			PID=0.0 FID=0.0
3		12/10/03 @ 1530			Dark Red Orange	0.5' - 0.9' - Silty, fine-medium SAND, some coarse sand		SM			
4			EOB @ 4' bgs		Red						
,								\$			
		.,,									
TYPE OF DRILLIN METHOD OF ADV METHOD OF SOIL METHOD OF ROO GROUNDWATER OTHER OBSERVA	ANCING BORIN . SAMPLING: :K CORING: LEVELS:	GEOPROBE – Trac G: DIRECT- PUSH MACRO-CORE OP N/A Phase I FID= C		nuous samples	to 4 feet in		BORING NO.: 37	70		Tetra Tech	E)

BORING LOG FOR:

Raymark OU9 RI/FS

BORING LO PROJECT LOGGED E	NO.: BY:	175-111 - A	Raymark OU9 RIA N1369 J. Lambert				TRANSCRIBED BY:DH	BORING NO.: START DATE: COMPLETION:		371 12/10/03 12/10/03	
DRILLED B GRD. SURI			Aquifer Drilling &	Testing/ Rob	Ullmann		ELEVATION FROM:	MON. WELL NO CHECKED BY:	O.:	N/A JD	
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION		USCS or ROCK BRKN	(moisture con-lition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		1.3'	SBP-SO-371-002 Screening		Slightly Loose	Brown	0' - 0.2' - Grass plug 0.2' - 0.8' - Sandy (fine-medium sand), SILT		ML_	Moist	PID=0.0 FID=0.0
1		/	12/10/03 @ 1540			Light Brown	0.8' - 1.3' - Fine-coarse SAND, some gravel, trace s	silt	SW		
2			SBP-SO-371-0204				Similar material to above				
3			Screening 12/10/03 @ 1545		Н						-
3			12/10/03 @ 1043								
4				EOB @	 				—	\	<u> </u>
				4' bgs							
									,		
METHOD O	F ADVANO F SOIL SA OF ROCK C	CING BORIN MPLING: CORING:	GEOPROBE – Trac G: DIRECT- PUSH MACRO-CORE OF N/A			to 4 feet in 2	foot intervals	-			NUS, Inc.
GROUNDW OTHER OB			Phase I FID= C	PID= C	Flag nu	mber 403	Former Landfill area – Soccer field	BORING NO.: 3	71	PAGE:	1 OF 1 TtNUS Form 0018

PROJECT LOGGED DRILLED	BORING LOG FOR: PROJECT NO.: LOGGED BY: DRILLED BY (Company/Driller): GRD. SURFACE ELEVATION: BLOWS SAMP		Raymark OU9 RI/FS N1369 J. Lambert Aquifer Drilling & Testing/ Rob Ullmann				TRANSCRIBED BY:DH	BORING NO.: START DATE: COMPLETION: DATE: MON. WELL NO.: CHECKED BY:	372 12/11/03 12/11/03 N/A JD	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION	USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		1.4'	SBP-SO-372-0002 Screening		Slightly Dense	Brown	0-0.5' Sandy SILT, (fine-medium sand)	ML	Moist	PID=0.0 FID=0.0
1			12/11/03 @ 0950			Black Brown	0.5'-0.8' Burn layer charcoal 0.8'-1.0' Fine-coarse SAND	Fill SW		
2			SBP-SO-372-0204	-		Gray	1.0' - 1.4' - Fine-medium SAND, trace coarse sand 0' - 0.8' - Similar to above			PID=0.0
3		2.0'	Screening and Confirmation 12/11/03 @ 0953			Brown	0.8' - 1.3' - Sandy, (fine-coarse) SILT	₩ ML		FID=0.0
					$\vdash \downarrow$	Dark Brown	1.3' - 1.8' - Fine-coarse SAND, some silt, trace gravel	sw		
4				EOB @ 4' bgs		*				
TYPE OF I METHOD (METHOD (GROUND)	OF ADVAN OF SOIL SA OF ROCK (WATER LE	CING BORIN MPLING: CORING: VELS:	GEOPROBE - Trac G: DIRECT- PUSH MACRO-CORE OF N/A Phase I FID= A		nuous samples	s to 4 feet in 2		POPINO NO	Tetra Tech	NUS, Inc.

PROJECT	NO.:		N1369					START DATE: <u>12/11/03</u>	
LOGGED	BY:		K. Jalkut					TRANSCRIBED BY: RAC COMPLETION: DATE: 12/11/03	
DRILLED	BY (Compa	any/Driller)	: Aquifer Drifling	& Testing/S	. Przy	bylski 💮		MON. WELL NO.: N/A	
GRD. SUF	RFACE ELI	EVATION:						ELEVATION FROM: CHECKED BY: JL	
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	DEN COM or F	ISITY/ NSIS. ROCK ARD. '	CLR	CLASSIFICATION ROCK odors; geological classification; rock A	FIELD CREENING DATA METHOD = FID, (PPM)]
			SBP-SO-373-0002	THOI E			Blacktop		ID PID
			Screening		Lo	ose	Brown	SAND, some gravel. Fine to coarse sand, well graded, fine and coarse SW/Fill	0.0 0.0
1			12/11/03 @ 1015		<u> </u>	\downarrow	Gray	SAND. Fine-medium sand, poorly graded SP/Fill (0.0 0.0
2					De	ense	Black	CAND	0.0 0.0
			SBP-SO-373-0204 Screening and		Lo	oose	Brown	SAND and GRAVEL. Fine to coarse sand, well graded, fine and coarse subrounded gravel ½" - 1 ½" Saturated sand	0.0 0.0
3]	Confirmation 12/11/03 @ 1020					1 1 1	
							Black	Similar to above, except color change, with glass, brick, plastic, metal, trap rock (crushed stone)	
4						+	+	5	5.2 0.0
				EOB @ 4' bgs				EOB @ 4' bgs - Backfill with Bentonite (4'-1') and asphalt cold patch	
				-	H				
,					L				
					_				
		1							
				1	L		<u></u>		
TYPE OF	DRILLING	RIG:	GEOPROBE -	4 X 4 Mule				Tetra Tech NU	IS, Inc.
	OF ADVAN		ING: DIRECT- PUSH MACRO-CORE		continu	ious san	nples to 4' in	Note: 2' intervals FID = A	1
METHOD	OF ROCK	CORING:	N/A					PID = C	J
	ROUNDWATER LEVELS: [HER OBSERVATIONS: Phase I Flag Number 634							BORING NO.: 373 PAGE: 1	OF 1

Raymark OU9 RI/FS

BORING LOG FOR:

BORING NO.:

373

PROJECT LOGGED DRILLED	BY:	any/Driller): EVATION:	Raymark OU9 Ri. N1369 J. Lambert Aquifer Drilling &		Ullmann		TRANSCRIBED BY: DH C	BORING NO.: START DATE: COMPLETION: DATE: MON. WELL NO.: CHECKED BY:	374 12/11/03 12/11/03 N/A JD	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION	USCS or ROCK BRKN	(moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD =
		1.1'	SBP-SO-374-0002 Screening		Slightly	Brown	Top 0.4' asphalt (not logged/sampled) 0' - 0.6' - Fine-coarse SAND, some gravel	SW/Fill	weathering, etc.)	[FID, (PPM)] PID=0.0 FID≃27.9
1			12/11/03 @1030		Dense	Dark brown	0.6' - 1.1' - Fine-coarse SAND, trace gravel – includes a glass fragments	aluminum foil,		
2			SBP-SO-374-0204	-			Fine-coarse SAND, some silt, glass fragments, white chip (possibly paint chips)	ps		PID=0.0
3			Screening 12/11/03 @1035				(possibly paint crips)			FID=25.4
4										PID=0.0 FID=18.0
•				EOB @ 4' bgs	•					
		:								
								*		
METHOD METHOD METHOD GROUND	OF SOIL SA OF ROCK O VATER LEV	CING BORING MPLING: ORING: 'ELS:	MACRO-CORE Op N/A	en tube contir	nuous samples	to 4 feet in 2	foot intervals		Tetra Tech	NUS, Inc.
OTHER O	BSERVATIO	NS:	Phase I FID= A	PID≃ A	Flag	number (Former Landfill area – Soccer field BO	RING NO.: 374	PACE: 1	OF 4

BORING I	LOG FOR:		Raymark OU9 RIA	/FS			BORING	۷O.:	375		
PROJECT	NO.:		N1369				START D		12/11/03		
LOGGED	BY:		K. Jalkut					ΓΙΟΝ: DATE:	12/11/03		+
DRILLED	BY (Compa	any/Driller):	Aquifer Drilling &	Testing/S. F	rzybylski		MON. WE		N/A		
GRD. SUF	RFACE ELI	EVATION:					ELEVATION FROM: CHECKER	BY:			
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. /	SAMPLING TIME &	DEPTH MAT'L CHG./	SOII. DENSITY/ CONSIS.		MATERIAL CLASSIFICATION	USCS	REMARKS (moisture condition;	SCRE	ELD ENING
0	NA NA	SAMP LENG.	SAMPLE NO. (QA/QC STATUS)	WELL PROF'L	or ROCK HARD.	CLR	Ballfield - infield	ROCK BRKN	odors; geological classification; rock weathering; etc.)	METI	\TA 40D = (PPM)]
i			SBP-SO-375-0002			Blacktop	Asphalt approximately 4"		Damp. Dedicated drill	FID	PID
			Screening						steel through asphalt	0.0	0.0
1			12/11/03 @ 1030		Loose	Brown	SAND and GRAVEL. Fine to coarse sand, well graded, fine and co subrounded gravel ½" – 1 ½"	arse SW/Fill		0.0	0.0
						1	SAND. Fine-medium sand, poorly graded, metal filings	SP/Fill			
2						Gray	Color change noted		1	0.0	0.0
			SBP-SO-375-0204			Brown	SAND, trace silt. Fine-medium sand, poorly graded		Saturated sand	0.0	0.0
3			Screening 12/11/03 @ 1040				SAND. Fine to coarse sand, well graded	SW/Fill	1	0.0	0.0
					Dense	Gray-Black Black	SAND, trace silt. Fine-medium sand, poorly graded SILT and ORGANICS	SP/Fill ML/Fill	\	0.0	0.0
4					Loose	\	SAND and GRAVEL. Fine to coarse sand, well graded, fine and co subrounded gravel ½" – 1"	arse SW- GW/Fill	Silt is damp only Dry	0.0	0.0
				EOB @ 4' bgs				., .,		0.0	0.0
							EOB @ 4' bgs - Backfill with Bentonite (4'-1') and topsoil (1'-0')		1		<u> </u>
									<u> </u>		
<u> </u>									-		-
										l)	

TYPE OF DRILLING RIG:	GEOPROBE – 4 X 4 Mule		Tetra Tech NUS. Inc.
METHOD OF ADVANCING BORING:	DIRECT- PUSH		1000 1000 1100, 1110.
METHOD OF SOIL SAMPLING:	MACRO-CORE Open tube continuous samples to 4' in 2' intervals		(
METHOD OF ROCK CORING:	N/A		
GROUNDWATER LEVELS:			
OTHER OBSERVATIONS:	Phase I Flag Number 612	BORING NO.: 375	PAGE: 1 OF 1
		· · · · · · · · · · · · · · · · · · ·	T481110 F 2042

5

BORING L			Raymark OU9 RI/ N1369	/FS				BORING NO.: START DATE:	37	6 /11/03	
LOGGED			J. Lambert				TRANSCRIBED BY: DH	COMPLETION: DATE		/11/03	
		any/Driller):	Aquifer Drilling &	Testing/ Rob	Ullmann		THE WOOTH DEED BY:	MON. WELL NO.:	L. <u>12</u> N/		
GRD. SUF							ELEVATION FROM:	CHECKED BY:	JE		
				-							27
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION (0.4' asphalt –not logged/sampled)	RC BR	OCK C	noisture condition; odors; geological lassification; rock weathering; etc.)	FIELD SCREENING DATA <i>METHOD</i> = [FID, (PPM)]
		1.4'	SBP-SO-376-0002 Screening and		Slightly Dense	Brown	0' - 0.7' - Fine-coarse SAND, some gravel (subround	ded) S	W Mois		PID=0.0 FID=3.2
1		2.0'	Confirmation 12/11/03 @ 1100		Dense	Black	0.7' - 1.4' - Fine sandy SILT, trace medium sand		Laye		FID-3.2
2]	↓	 					
		1.3'	SBP-SO-376-0204 Screening		Slightly Dense	Dark Brown	0' - 0.3' - Fine-medium SAND, some coarse sand, tr	ace silt S'	W Mois	st- wet	PID=0.4 FID=37.5
3		2.0'	12/11/03 @1105			Gray- Brown	0.3' - 0.5' - Color change only				
							0.5' - 1.0' - Fine-coarse SAND, some gravel		Mois	st .	
4	_						1.0' - 1.3' - Fine SAND, some coarse sand, some grav	vel, trace silt S	P		
-				EOB @ 4' bgs							
									*		
TYPE OF		RIG: CING BORIN	GEOPROBE – Trac	ck- mounted (l	Rig 2)	,,				Tetra Tech	NUS, Inc.
METHOD	OF SOIL SA	MPLING:	MACRO-CORE Op	oen tube conti	nuous samples	to 4 feet in	2 foot intervals				F
	VATER LE		THEX								
OTHER O			Phase I FID= A	PID= A	Flag	number 6	14 Former Landfill area – Parking Lot	BORING NO: 376		PAGE: 1	OF 1

BORING!	LOG FOR:		Raymark OU9 Rt/	FS			BORING NO.: 377		
PROJECT	ΓNO.:		N1369				START DATE: 12/11/03		
LOGGED	BY:		K. Jalkut				TRANSCRIBED BY: RAC COMPLETION: DATE: 12/11/03		_
DRILLED	BY (Comp	any/Driller):	Aquifer Drilling &	Festing/S. F	Przybylski	, 	MON. WELL NO.: N/A		
	RFACE ELI						ELEVATION FROM: CHECKED BY: JL		_
	4		······································						_
DEPTH (FEET)	BLOWS PER	SAMP REC.	SAMPLING TIME &	DEPTH	SOIL DENSITY/		MATERIAL (moisture condition: SCF	FIELD REENI	
(rEE1)	6"	SAMP	SAMPLE NO.	CHG./	CONSIS.	0.0	CLASSIFICATION ROCK odors; geological	DATA	
0	NA	LENG.	(QA/QC STATUS)	WELL PROF'L	or ROCK HARD.	CLR	RRKN Classification; rock ME	THOL	
		· · · · · ·	SBP-SO-377-0002	11101 0	Loose	Dark	CANCE LODGE TO THE CONTROL OF THE CO), (PP	
		1.6'			1	Brown	SAND and GRAVEL. Fine to coarse sand, well graded, fine and coarse SW-GW Grass/root plug = subrounded gravet ½" to 1 ½" Fill approximately 3"	_	PID
		2	Screening				Crushed stone (possible	+	
1		/ 1	12/11/03 @ 1050			.	trap rock) 0.0	, ,	0.0
<u>'</u>			12/11/03/02/1000			Brown			
								, I ,	0.0
	<u> </u>								
					▼	\ \	♥		
2					Dense	Black	SIL1 ML/FIII	Ι,	0.0
			SBP-SO-377-0204		Loose	Brown	SAND and GRAVEL. Fine to coarse sand, well graded, fine and coarse SW-GW	\Box	
		2' /	Screening		l l		subrounded gravel ½" to 1 ¼" Fill 0.0	۱ ,	0.0
		/ 2°	Scieding					+	T
3		'	12/11/03 @ 1100						
						Black		+-	+
						1		-	₩
									<u>'</u>
	ļ				↓	↓	↓		0.0
-	 			500.0		· · · · ·	· · · · · · · · · · · · · · · · · · ·		
				EOB @					
		ļ		4' bgs	ļ		EOB @ 4' bgs - Backfill with Bentonite (4'-1') and topsoil (1'-0')		
			*		1				
								- 1	
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				1				—	
	1				<u> </u>				
	<u> </u>			-	<u></u>	g			
TYPE OF	DRILLING I	NG.	GEOPROBE - 4 X	4 Mule					_
		CING BORIN		- MICIO			Tetra Tech NUS	, Inc.	
	OF SOIL SA		MACRO-CORE Op	en tube con	tinuous sample	s to 4' in 2' i	intervals		
	OF ROCK		N/A		vaa oompie	TO THE !	Interests		
1.42	.		,						

GROUNDWATER LEVELS: OTHER OBSERVATIONS:

Phase I Flag Number 613

PAGE:

BORING L PROJECT LOGGED I DRILLED I GRD. SUR	NO.: 3Y: 3Y (Compa	any/Driller): EVATION:	Raymark OU9 RI. N1369 J. Lambert Aquifer Drilling &		Ulimann		TRANSCRIBED BY: RAC ELEVATION FROM:	BORING NO.: START DATE: COMPLETION MON. WELL N CHECKED BY:	O.:	378 12/11/03 12/11/03 N/A JD		
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS) SBP-SO-378-0002	DEPTH MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD. Slightly	CLR	MATERIAL CLASSIFICATION D' – 0.4' - Asphalt (not logged or sampled)		USCS or ROCK BRKN	(moisture cor odors; geok classification weathering;	ndition; SCREEN ogical DATA n; rock <i>METHO</i> .	NING A D = PM)]
1		2.0'	Screening 12/11/03 @ 1145		Dense	Brown	0' - 0.5' - Fine-medium SAND, trace coarse sand		SP		FID = 0.9	
						Black	0.5' - 1.0' - Fine SAND, some medium sand, trace	silt				
2		2.0'	SBP-SO-378-0204 Screening	-		Dark Gray	Fine-coarse SAND, trace silt, trace gravel. Color of gray to gray throughout sample. Glass pieces in sle	hanges from dark eeve.	SW/Fill	Slight petroleun	n odor PID = 1,0 FID = 25	
3			12/11/03 @ 1150	-								
4				EOB @ 4' bgs	<u> </u>	Gray			 			
				- 4 Uga								
,												
									\$			
TYPE OF E METHOD O METHOD O GROUNDV OTHER OE	OF ADVANO OF SOIL SA OF ROCK O VATER LEV	CING BORING MPLING: CORING: /ELS:	MACRO-CORE ON N/A		nuous samples	to 4' in 2' inf		BORING NO.: 3	378		atra Tech NUS, Inc.	. 1

PROJECT	NO.:		N1369					START DATE:		1/29/0)4	
LOGGED	BY:		J. Lambert				TRANSCRIBED BY: RAC	COMPLETION:	DATE:	1/29/0		
DRILLED	BY (Compa	any/Driller):	Aquifer Drilling &	Testing/Rob	Ullmann			MON. WELL NO		N/A		
	RFACE ELI						ELEVATION FROM:	CHECKED BY:		JD		
	1								p			
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION		USCS or ROCK BRKN	(mois odo class	EMARKS ture condition; rs; geological sification; rock thering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
							Refer to Boring Log Number 378 for soil profile deta	nils from 0' - 4'			,	[, (· · · · · · · · · · · · · · · · · · ·
			No samples collected from 0' - 4' bgs									
1												
2												
						-				<u> </u>		
3												
										[
	<u> </u>				<u> </u>					-		
4												
			SBP-SO-378A-0406	1	Slightly	Black	0' - 0.6' - Fine SAND, some silt, trace coarse sar	nd	SP	Moist		PID = 0.0
1		1.3'	Screening		Dense	Tan	0.6' - 0.7' - Fine SAND			1 1		FID = 85.0
5		2.0'	1/29/04 @ 1330			Dark Gray	0.7' - 0.8' - Silty fine SAND, trace coarse sand		SM			
						Black	0.8' - 1.1' - Silty sand, fine SAND, some gravel		V	♥	ight organic odor	
6							1.1' – 1.3' – Silty fine-medium SAND, some newspa and ash	aper (decomposed)	SM/Fill	Wet		
,		1.2'	SBP-SO-378A-0608				0' - 0.8' - Silty fine-medium SAND, trace glass, tr (roots)	ace organics				PID = 0.0 FID = 1296
7		2.0'	Screening 1/29/04 @ 1335				0.8' - 0.9' - Newspaper	······	Fill			
7			112a104 (U 1335				0.9' – 1.2' – Silty fine-medium SAND, some glass, s	some subrounded	SM		·	
****							gravel	 .				
8				EOB @ 8' bgs		+				+		
TYPE OF	DRILLING F	RIG:	GEOPROBE - Trac	k- mounted (l	Rig 2)	•		······································	****		Tetra Tech	NUS Inc
1		CING BORIN						Note:				
1	OF SOIL SA		MACRO-CORE Op	en tube conti	nuous samples	to 4' in 2' int	ervals	- Phase II screening	= Asbesto	os and	77	H-I
1	OF ROCK (WATER LE		N/A Approximately 7' bg	<u> </u>			····	_ Metals			(• (العا
1 '	BSERVATK		Phase II Old Flag		3 PID/FID =	For	mer Landfill Area – Baseball Field Parking Lot	BORING NO.: 3	78A		PAGE: 1	OF 1
												<u> </u>

378A

Raymark OU9 RI/FS

BORING LOG FOR:

M398	BORING I	LOG FOR:		Raymark OU9 RIA	/FS				BORING NO.:		379		
COGRED BY: Comparation Continue Comparation Comp	PROJEC1	NO.:		N1369					START DATE:				
Pagular Delitic Service Pagular Delitic	LOGGED	BY:		K. Jalkut				_	TRANSCRIBED BY: RAC COMPLETION	: DATE:			
SRD SUMPLINE SAMPLING SAMPL	DRILLED	BY (Compa	any/Driller):	Aquifer Drilling &	Testing/S. F	Przybylski		_					
Companies Comp	GRD. SUI	RFACE ELI	EVATION:					_	ELEVATION FROM: CHECKED BY				
Companies Comp		r			-					_			
SAMP LENG. (GAMCL STATUS) RELIGIOUS CONSISTS CLASSIFICATION CLASSI	DEDTH									USC			
SAMPLENO. QUAGO STATUS METHOD OF SOIL SAMPLING NETHOD			KEO.								(moisture condition;		
NA LENG QA/DC STATUS PROPT HARD. Asphalt surface approximately 4" Market Fine to coarse sand, well graded, fine and coarse Market Market Market Fine to coarse sand, well graded, fine and coarse Market Market Market Fine to coarse sand, well graded, fine and coarse Market Market Market Fine to coarse sand, well graded, fine and coarse Market Mar	(,	6"	SAMP				1 4	CLR	CLASSIFICATION	ROC			
SSR-SO-379-0027 Screening 12/1/103 @ 1040 SSR-SO-379-0204 SSR-SO-379-0204 SSR-SO-379-0204 SSR-SO-379-0204 SSR-SO-379-0204 Some ling 12/11/03 @ 1145 Dense Black Dense Black SAND some gravet. Fine to coarse sand, well graded, coarse SW/FIN SAND some gravet. Fine to coarse sand, well graded, coarse SW/FIN SAND some gravet. Fine to coarse sand, well graded with fine and coarse subrounded gravet ½′. Neveyapper, white/blue plasts chunks SIM SAND. Some gravet. Fine-medium sand, poorly graded with fine and coarse subrounded gravet ½′. Neveyapper, white/blue plasts chunks SIM SAND. Some gravet. Fine-medium sand, poorly graded with fine and coarse subrounded gravet ½′. Neveyapper, white/blue plasts chunks SIM SAND. Some gravet. Fine-medium sand, poorly graded with fine and coarse subrounded gravet ½′. Neveyapper, white/blue plasts chunks SIM SAND. Some gravet. Fine-medium sand, poorly graded with fine and coarse subrounded gravet ½′. Neveyapper, white/blue plasts chunks SIM SAND. Some gravet. Fine-medium sand, poorly graded with fine and coarse subrounded gravet ½′. Neveyapper, white/blue plasts chunks SIM SAND. Some gravet. Fine-medium sand, poorly graded with fine and coarse subrounded gravet ½′. Neveyapper, white/blue plasts chunks SIM SAND. Some gravet. Fine-medium sand, poorly graded with fine and coarse subrounded gravet ½′. Neveyapper, white/blue plasts chunks SIM SAND. Some gravet. Fine-medium sand, poorly graded with fine and coarse subrounded gravet ½′. Neveyapper, white/blue plasts chunks SIM SAND. Some gravet. Fine to coarse sand, well graded SOURCE provided the subrounded gravet ½′. Neveyapper, white/blue plasts chunks SIM SAND. Some gravet. Fine to coarse sand, well graded SOURCE provided the subrounded gravet ½′. Neveyapper, white/blue plasts chunks SIM SAND. Some gravet. Fine to coarse sand, well graded SOURCE provided the subrounded gravet ½′. Neveyapper, white/blue plasts chunks SIM SAND. Some gravet. Fine to coarse sand, well graded SOURCE provided the subrounded gravet ½′. Nev	0	NA	LENG.	(QA/QC STATUS)				JLIX	Asphalt surface approximately 4"	BRK			
1				SBP-SO-379-0002		Loose	В	rown		SW-G			
Servening 2 1/21/103 @ 1040 2 SBP-SO-379-0204 Screening 1/21/103 @ 1145 Dense Black Compressed free-medium SAND with eiganic roots and twigs, poorty graded, coarse such unded gravel to %* Brown SAND, some gravel. Fine to coarse sand, well graded, coarse SWFIII Saturated sand 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.			1.6'		1	1 1	1	ŀ	subrounded gravel 1/4" 1 1/2"				+
Black Compressed fine-medium SAND with organic roots and twigs, poorly practice and twigs, poorly prac			2'	Screening		1 1	1	1-		- · · · · ·		0.0	10.0
Black Compressed fine-medium SAND with organic roots and twigs, poorly practice and twigs, poorly prac	1			12/11/03 @ 1040			1	*		1			
2 SBP-SO-379-0204 Screening 12/11/03 @ 1145 Saturated sand SWFII Saturated sand SWFII Saturated sand SWFII Saturated sand SWFII Saturated sand SWFII Saturated sand SWFII Saturated sand SWFII Saturated sand SWFII Saturated sand SWFII Saturated sand SWFII Saturated sand SWFII Saturated sand SWFII SwFII		-			1		P	Nack	Compressed fine-medium SAND with organic roots and twins, poorly	Fill		_	+
SBP-SO-379-0204 Screening 12/1/03 @ 1145 Dark Gray Dark Gray WOOD chunks (not burned) 12/1/03 @ 1145 Dense Black Sity SAND, some gravet. Fine to coarse sand, well graded, coarse SW/Fill Saturated sand 0,0 0,0 0,0 0,0 0,0 0,0 0,0 0,0 0,0 0,0							1 1	I	graded, some fine subrounded gravel to ½"	""		0.0	0.0
SSP-SO-379-0204 Screening 3 SP-SO-379-0204 Screening 12/11/03 @ 1145 Dark Gray Dark Gray SINy SAND, some gravet. Fine to coarse sand, well graded WOOD chunks (not burned) Dense Black Dense Black WOOD chunks (not burned) Dense Black WOOD chunks (not burned) Dense Black Dense Dense Black Dense			;				-			_			
SSP-SO-379-0204 Screening 3 SP-SO-379-0204 Screening 12/11/03 @ 1145 Dark Gray Dark Gray SINy SAND, some gravet. Fine to coarse sand, well graded WOOD chunks (not burned) Dense Black Dense Black WOOD chunks (not burned) Dense Black WOOD chunks (not burned) Dense Black Dense Dense Black Dense	١,	<u> </u>					1	↓		1			
Screening 3				ODD 00 070 0004	-	ļ	-	<u> </u>	01110	-			
Streening Dark Gray Stlty SAND. Fine to coarse sand, well graded WOOD chursed) Dense Black WOOD churse(not burned) Dense Black Stlty SAND. son grayer Fine-medium sand, poorly graded with fine and coarse subrounded gravet 5%. Newspaper, white/blue plastic churks to 1°, gummy substance, ash, clinkers EOB @ 4' bgs EOB @ 4' bgs - Backfill with Bentonite (4'-1') and topsoil (1'-0') Type of DRILLING RIG: METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF SOIL SAMPLING: METHOD OF SOIL SAMPLING: METHOD OF SOIL SAMPLING: METHOD OF COCK CORNING: METHOD OF COCK CORNING: METHOD OF COCK CORNING: METHOD OF COCK CORNING: MACRO-CORE Open tube continuous samples to 4' in 2' intervals NACRO-CORE Open tube continuous samples to 4' in 2' intervals			6 1	SBP-SU-3/9-0204			В	rown		SW/F	ill Saturated sand	0.0	ا ۱
3 12/11/03 @ 1145 Dense Black WOOD chursed; wood graved Fine-medium sand, poorly graded with fine and coarse subrounded graved ½?. Newspaper, white/blue plastic chursks to 11, gurmy substance, ash, clinkers Dense Black Silly SAND, some graved. Fine-medium sand, poorly graded with fine and coarse subrounded graved ½?. Newspaper, white/blue plastic chursks to 11, gurmy substance, ash, clinkers Dense Black Dense Black Silly SAND, some graved. Fine-medium sand, poorly graded with fine and coarse subrounded graved ½?. Newspaper, white/blue plastic chursks to 11, gurmy substance, ash, clinkers Dense D	 			Screening			-					5.0	
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and coarse subrounded gravel ½*. Newspaper, white/blue plastic chunks to 1*, gummy substance, ash, clinkers EOB @ 4* bgs	3			12/11/03 @ 1145		<u> </u>				Fill		0.0	0.0
TYPE OF DRILLING RIC: METHOD OF ADVANCING BORING: METHOD OF ROCK CORNS: METHOD OF ROCK CORNS: METHOD OF ROCK CORNS: MACRO-CORE Den tube continuous samples to 4' in 2' intervals MACRO-CORE Den tube continuous samples to 4' in 2' intervals MACRO-CORE Den tube continuous samples to 4' in 2' intervals MACRO-CORE Den tube continuous samples to 4' in 2' intervals MACRO-CORE Den tube continuous samples to 4' in 2' intervals MACRO-CORE Den tube continuous samples to 4' in 2' intervals MACRO-CORE Den tube continuous samples to 4' in 2' intervals MACRO-CORE Den tube continuous samples to 4' in 2' intervals MACRO-CORE Den tube continuous samples to 4' in 2' intervals MACRO-CORE Den tube continuous samples to 4' in 2' intervals MACRO-CORE Den tube continuous samples to 4' in 2' intervals MACRO-CORE Den tube continuous samples to 4' in 2' intervals						Dense	B	Black	Silty SAND, some gravel. Fine-medium sand, poorly graded with fine			0.0	1
TYPE OF DRILLING RIG: METHOD OF ADVANCING BORING: METHOD OF ROCK CORNS: METHOD OF ROCK C						<u> </u>			and coarse subrounded gravel ½". Newspaper, white/blue plastic chunks	1	11/	0.0	0.0
EOB @ 4' bgs - Backfill with Bentonite (4'-1') and topsoil (1'-0') EOB @ 4' bgs - Backfill with Bentonite (4'-1') and topsoil (1'-0') EOB @ 4' bgs - Backfill with Bentonite (4'-1') and topsoil (1'-0') Type of Dritting Rig: METHOD OF ADVANCING BORING: DIRECT- PUSH METHOD OF SOLI, SAMPLING: MACRO-CORE Open tube continuous samples to 4' in 2' intervals MACRO-CORE Open tube continuous samples to 4' in 2' intervals MACRO-CORE Open tube continuous samples to 4' in 2' intervals								Ι	to 1 , guilling substance, asii, clinkers				<u> </u>
TYPE OF DRILLING RIG: METHOD OF SOUL SAMPLING: METHOD OF ROCK CORING: MACRO-CORE Open tube continuous samples to 4' in 2' intervals MACRO-CORE Open tube continuous samples to 4' in 2' intervals MACRO-CORE Open tube continuous samples to 4' in 2' intervals MACRO-CORE Open tube continuous samples to 4' in 2' intervals MACRO-CORE Open tube continuous samples to 4' in 2' intervals MACRO-CORE Open tube continuous samples to 4' in 2' intervals MACRO-CORE Open tube continuous samples to 4' in 2' intervals MACRO-CORE Open tube continuous samples to 4' in 2' intervals MACRO-CORE Open tube continuous samples to 4' in 2' intervals MACRO-CORE Open tube continuous samples to 4' in 2' intervals MACRO-CORE Open tube continuous samples to 4' in 2' intervals	4							▼		▼		0.0	0.0
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TYPE OF DRILLING RIG: METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: MACRO-CORE Open tube continuous samples to 4' in 2' intervals METHOD OF ROCK CORING: MACRO-CORE Open tube continuous samples to 4' in 2' intervals N/A													
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METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: MACRO-CORE Open tube continuous samples to 4' in 2' intervals N/A DIRECT- PUSH MACRO-CORE Open tube continuous samples to 4' in 2' intervals					-		-						
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METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: MACRO-CORE Open tube continuous samples to 4' in 2' intervals N/A DIRECT- PUSH MACRO-CORE Open tube continuous samples to 4' in 2' intervals	TYPE OF	DDR LING S	NG.	GEODBORE - 4 Y	4 Mule								
METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: MACRO-CORE Open tube continuous samples to 4' in 2' intervals N/A N/A					- INICIC						Tetra Te	ch NUS, i	Inc.
METHOD OF ROCK CORING: N/A					nen tube com	tinuous sample	es to 4	4' in 2' ir	ntervals				
								. 11.4 11					

OTHER OBSERVATIONS:

Phase I Flag Number 660

PAGE:

PROJECT LOGGED DRILLED	BY:	any/Driller): EVATION:	Raymark OU9 RI N1369 J. Lambert AQUIFER DRILL		NG/ Rob		TRANSCRIBED BY:	BORING NO.: START DATE: COMPLETION MON. WELL N CHECKED BY:	: DATE: O.:	380 12/11/03 12/11/03 N/A JD	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS) SBP-SO-380-0002	DEPTH MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD. Slightly	CLR White	MATERIAL CLASSIFICATION (asphalt 0.4' thick not logged/sampled) 0' - 0.2' - (cobble)		USCS or ROCK BRKN	(moisture condition; odors; geological classification; rock weathering; etc.) Cobble at 0.0'	FIELD SCREENING DATA METHOD = [FID, (PPM)] PID=0.2
1		2.0'	Screening 12/11/03 @ 1345	-	Dense	Light Brown Tan	0.2' - 0.4' - Fine-coarse SAND 0.4' - 1.2' - Fine-medium SAND		SW SP		FID=0.0
2		1.6'	SBP-SO-380-0204			Dark Gray	0' - 0.3' - Fine-medium SAND		+		PID=0.0
3		2.0'	Screening 12/11/03 @ 1350	-			0.3' - 1.6' - Silty fine-coarse SAND, trace gravel, r	netal fragments	SM/Fill		FID=18.1
4				EOB @ 4' bgs	 		•		+		
•				-					8		
METHOD (METHOD (METHOD (GROUND)	OF SOIL SA OF ROCK O WATER LEV	CING BORIN MPLING: CORING: VELS:	MACRO-CORE O	pen tube conti	nuous samples					Tetra Tech	NUS, Inc.
OTHER O	BSERVATIO	ONS:	Phase I FID=A	PID= A	. Fla	g number 61	1 Former Landfill area – Parking Lot	BORING NO.: 3	80.	PAGE:	OF 1

PROJECT			N1369					FART DATE:	12/11/03		
LOGGED		any/Driller):	K. Jalkut Aquifer Drilling &	Teeting/S I	Orzyhyleki			OMPLETION: DATE:	12/11/03 N/A		
	RFACE EL	• •	Addited Dillaring &	resurgio, r	-IZYDYISKI			ON. WELL NO.: HECKED BY;			
GIND. 001	NI AOL CL	LIMION					ELEVATION TROWN	ILUNED B1.	JL		
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION	USCS or ROCK BRKN	(moisture condition; odors; geological classification; rock weathering; etc.)	SCRE D/ MET	ELD ENING ATA HOD == (PPM)]
			SBP-SO-381-0002	1		Blacktop	Asphalt surface - approximately 4"		Used dedicated drill steel	FID	PID
<u> </u>		1.5' 2'	Screening		Loose	Brown	SAND and GRAVEL. Fine to coarse sand, well graded, fine subrounded gravel ½" – 2"	and coarse SW/Fill	through asphalt Damp	0.0 37	0.0
1			12/11/03 @ 1350	1		+	SAND, trace gravel. Fine-medium sand, poorly graded, fine gravel to ½"	subrounded SP/Fill	Poor recovery (1.5' with 4" asphalt)		0.5
2									- aspirany		ļ
		1' /	SBP-SO-381-0204	1		Black - Brown	SAND. Fine to coarse sand, well graded	SW/Fill		23	0.0
3		2	Screening 12/11/03 @ 1355			Black I	SAND, some silt, trace gravel. Fine-medium sand, poorly gravel to 1/2"	raded, fine SP/Fill		210	0.0
							WOOD CHUNKS, partially burned SAND. Fine to coarse sand, well graded, wood	Fill SW/Fill	Partial recovery – compressed soil	58	0.0
4					<u></u>	↓					
		<u> </u>		EOB @ 4' bgs			EOB @ 4' bgs - Backfill with Bentonite (4'-0.25") and asphal (0.25'-0')	t cold patch	_		
									1		
				_						<u> </u>	
,					<u>.</u>						
		:		4							ļ
						-					
				<u> </u>		<u></u>					
TYPE OF	DRILLING I	RIG:	GEOPROBE - 4 X	4 Mule	•				Tetra Tech	NUS	nc.
METHOD	OF ADVAN	CING BORIN							7000 7000		
	OF SOIL SA		MACRO-CORE O	pen tube con	tinuous sample	es to 4' in 2' i	ntervals		''''	L }	
	OF ROCK		N/A							L)	
	WATER LE										
OTHER O	BSERVATI	ONS:	Phase I Flag Nu	ımber 659			BOR	RING NO.: 381	PAGE: 1	OF	1

381

BORING LOG FOR:

Raymark OU9 RI/FS

BORING L PROJECT LOGGED DRILLED I GRD. SUF	NO.: BY: BY (Compa	any/Driller): EVATION:	Raymark N1369 J. Lambe AQUIFER	ert	S NG & TESTI	NG/ Rob		TRANSCRIBED BY:DH_	BORING N START DA' COMPLETI MON. WEL CHECKED	TE: ON: DATE: L NO.:	382 12/11/03 12/11/03 N/A JD	
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP LENG.	SAMPLIN TIME & SAMPLE I (QA/QC STA	NO.	DEPTH MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR		ERIAL FICATION	USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock	FIELD SCREENING DATA METHOD =
1		1.4'	SBP-SO-382-0 Screening 12/11/03 @ 14	0002	71101	Slightly Dense	Tan	0' - 0.8' - Fine-coarse SAND, som	ne subrounded gravel	sw	weathering; etc.) Moist	[FID, (PPM)] PID=0.9 FID=375.0
			121100 @ 14	110			Black	0.8' - 1.4' - Silty fine-coarse SANI gravel, charcoal, glass	D, trace subrounded-angular s fragments	SM/Fill	Slight petroleum odor Moist	
2		1.5'	SBP-SO-382-0	0204			Black Mottled	0' - 0.6' - Fine-coarse SAND, som	ne silt, charcoal fragments	★ SW/Fill	Moist	PID=1.8 FID=182.2
3		/	12/11/03 @ 14	120			White/Pink Dark Gray Gray	0.6' - 0.8' - Ash layer 0.8' - 1.3' - Silty fine-coarse SAND 1.3' - 1.5' - Fine-medium SAND), trace gravel	Fill SM SP	Moist-wet	
4					EOB @ 4' bgs	 						
			 .									
										,		
7/05 05			0.500.00									
METHOD (OF ADVANC OF SOIL SA OF ROCK C VATER LEV	CING BORING MPLING: ORING: /ELS:	G: DIRECT- F MACRO-C N/A	PUSH	en tube contin	nuous samples						t NUS, Inc.
OTHER UP	OCK VALIC	/I¥Q.	rnase i	i'ID-A	riu- A	riag	number 632	Former Landfill area -	BORING NO.:	382	PAGE:	1 OF 1

BORING LOG FOR: Raymark OU9 RI/FS BORING NO.: 383		
PROJECT NO.: N1369 START DATE: 12/11/03		
LOGGED BY: K. Jalkut TRANSCRIBED BY: RAC COMPLETION: DATE: 12/11/03		
DRILLED BY (Company/Driller): Aquifer Drilling & Testing/S. Przybylski MON. WELL NO.: N/A		
GRD. SURFACE ELEVATION: ELEVATION FROM: CHECKED BY: JL		
DEPTH BLOWS SAMP SAMPLING DEPTH SOL. DEPTH BLOWS REC. TIME MAT'L DENSITY/	KS FIEL	LD
MATERIAL (moisture co		
CAMP CAMPIENO DOS, geo		
0 NA LENG. (QA/QC STATUS) WELL or ROCK CLR BRKN classification weathering		
SBP-SO-383-0002 Blacktop Asphalt surface - approximately 4" Used dedicated		PID
through asphali	TID TID	110
Screening Losso Brown SAND transgravel Fine moditive mostly poorly graded fine automated CDIFIL		
1 12/11/03 @ 1410 Damp	0.0	0.0
Dense Black Silty SAND, some gravel. Fine to coarse sand, well graded, fine and SM/Fill Compressed so coarse subrounded gravel ½" – 1", organic roots Green coloratio		0.0
Size i solution	110 3011	
		1
2	▼	
SBP-SO-383-0204 Loose Brown SAND, trace gravel. Fine-medium sand mostly, trace coarse sand, fine SW/Fill Saturated sand subrounded gravel to ½"	0.0	0.0
		0.0
2' Confirmation		
3 12/11/03 @ 1415 \\	.	
Dense Black Silty SAND, some gravel. Fine to coarse sand, well graded, fine and SM/Fill Refusal at appr	ovimately 047	
coarse subrounded gravel to 1*, silt, organic roots and reeds, plastic Refusal at appr	oximately 217	0.0
4 EOB @ Compressed m	aterial	
3.8' bgs EOB @ 3.8' bgs (Refusal) Backfill with Bentonite chips (3.8'-0.25") and		
asphalt cold patch (0.25'-0')		
	 	
· · · · · · · · · · · · · · · · · · ·		
	<u> </u>	
TYPE OF DRILLING RIG: GEOPROBE – 4 X 4 Mule		
METHOD OF ADVANCING BORING: DIRECT- PUSH	etra Tech NUS, Ind	C.
METHOD OF SOIL SAMPLING: MACRO-CORE Open tube continuous samples to 4' in 2' intervals		
METHOD OF ROCK CORING: N/A	 	
GROUNDWATER LEVELS:		

Phase I Flag Number 703

OTHER OBSERVATIONS:

1 OF

PAGE:

	NO.: BY:	any/Driller): EVATION:	Raymark OU9 RI/ N1369 J. Lambert Aquifer Drilling &		Ullmann	<u> </u>	TRANSCRIBED BY:DH	BORING NO.: START DATE: COMPLETION: D MON. WELL NO. CHECKED BY:		384 12/11/03 12/11/03 N/A JD	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION		USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		1.3'	SBP-SO-384-0002		Slightly Dense	Brown	0.4' asphalt – not logged/sampled 0' - 0.5' - Fine-coarse SAND, trace gravel			Moist	PID=0.0
		2.0	Screening		Delige	DIOWII	0 - 0.5 - Fine-coarse SAND, trace graver		SW		FID=0.0
1		/	12/11/03 @ 1515			Black	0.5' - 1.3' - Silty fine-coarse SAND, trace gravel		SM	Slight odor	
2											
		1.2'	SBP-SO-384-0204 Screening and			Dark Brown	0' - 0.6' - Silty fine SAND, some medium sand		*	Moist – wet	PID=1.0 FID=61.3
3		2.0'	Confirmation 12/11/03 @ 1520			White/ Green	0.6' - Caulk/gummy material		Fill		
·				1 (Black	0.6' - 1.2' - Fine-coarse SAND		sw		
4						↓	↓				
		-		EOB @ 4' bgs							
			-	1							
					-						
	-				<u> </u>						
,		٠									
									è		
	DRILLING F	RIG: CING BORIN	GEOPROBE - Trac	ck- mounted (F	Rig 2)					Tetra Tec	h NUS, Inc.
METHOD	OF SOIL SA OF ROCK (AMPLING:	MACRO-CORE OF N/A	en tube contir	nuous samples	to 4 feet in 2	foot intervals				E
	WATER LEV		Phase I FID=∆	PID= A	Elon	number 66	1 Former Landfill area Parking Let	PODING NO. 324			<u> </u>

BORING L	OG FOR:		Raymark OU9 RI/	/FS				BORING NO.			385		
PROJECT	NO.:		N1369				_	START DATE			12/11/03		
LOGGED	BY:		K. Jalkut				_	TRANSCRIBED BY: RAC COMPLETION		ΓE:	12/11/03		-
DRILLED	BY (Compa	any/Driller):	Aquifer Drilling &	Testing/S. F	Przybylski		_	MON. WELL			N/A		
	RFACE ELE						_	ELEVATION FROM: CHECKED B			JL		
						_			_		- OL	_	
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	(CLR	MATERIAL CLASSIFICATION	R	SCS or OCK RKN	(moisture co ition; odors; geological classification; rock weathering; etc.)	SCREI DA METH	ELD ENING ATA HOD = (PPM)]
			SBP-SO-385-0002		-	Bla	cktop	Asphalt surface - approximately 4"			Used dedicated drill steel	FID	PID
		1.9'									through asphalt	110	
1		/ 2'	Screening 12/11/03 @ 1525		Loose	В	rown I	SAND and GRAVEL. Fine to coarse sand, well graded, fine and coarse subrounded gravel to 1*	SV	W/Fill	Damp	0.0	0.0
			•					SAND. Fine-medium sand mostly, trace coarse sand, seashells	SF	P/Fill	Wet sand	0.0	0.0
2					Dense			Silty SAND, some gravel. Fine to coarse sand, well graded, fine subrounded gravel to ½"	SA	A/Fill	Damp. Green specks in sample	0.0	0.0
	_	1.5'	SBP-SO-385-0204		Loose		+	SAND, trace silt, some gravel		\	Damp	0.0	0.0
3	·	2'	Screening 12/11/03 @ 1530			Dar	k Gray	SAND and GRAVEL, trace silt. Fine to coarse sand, well graded, fine and coarse subrounded to gravel 1"	SV	V/Fill		0.0	0.0
					Dense	В	lack	WOOD CHUNKS (charred), GLASS, METAL, PLASTIC, mixed with fine-medium sand, poorly graded	Fil	I/SP	Damp	0.0	0.0
4							\			V			<u> </u>
				EOB @ 4' bgs				EOB @ 4' bgs - Backfill with Bentonite (4'-0.25") and asphalt cold patch (0.25'-0')					
				-	-		· <u>-</u>		-				
									-	- 1			
		· · · · · · · · · · · · · · · · · · ·		i		-			1	-1			
					·	_				\$			
									-				
TYPE OF	DRILLING F	RIG:	GEOPROBE 4 X	4 Mule					1		T-4 T- 1	MUG	<u></u>
1		CING BORIN									Tetra Tech	IVUS, II	riC.
	OF SOIL SA		MACRO-CORE OF	en tube con	tinuous sample	es to 4	in 2' ir	ntervals				.)	
	OF ROCK (N/A										

GROUNDWATER LEVELS: OTHER OBSERVATIONS:

Phase I Flag Number 722

PAGE:

BORING LOG FOR: PROJECT NO.: LOGGED BY: DRILLED BY (Company/Driller): GRD. SURFACE ELEVATION: BLOWS SAMP			Raymark OU9 Rt/l N1369 J. Lambert AQUIFER DRILLII		NG/ Rob		TRANSCRIBED BY:DH	BORING NO.: START DATE: COMPLETION: D MON. WELL NO.: CHECKED BY:	RT DATE: PLETION: DATE; . WELL NO.:		386 12/11/03 12/11/03 N/A JD	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS) SBP-SO-386-0002	DEPTH MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION 0.4' asphalt – not logged/sampled		USCS or ROCK BRKN	(moistur odors; classific weathe	e condition; geological ation; rock ering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
_		1.1'	Screening		Slightly Dense	Brown	0' - 0.6' - Fine-coarse SAND, some gravel, trace silt		sw	Moist		PID=0.0 FID=0.0
1			12/11/03 @ 1550			Black	0.6' - 1.1' - Silty, fine-coarse SAND, trace gravel		SM/Fill	Moist		
2			SBP-SO-386-0204				Similar to above, piece of asphalt, metal in macroco	re, wood fragments		Moist		PID=0.0
3			Screening 12/11/03 @ 1555				(stained black) in nose	-				FID=286.5
										Wet Slight odor		
4				EOB @	+	↓	<u> </u>		*			
		:		4' bgs								
			·									
					-							
,									<u>,</u>			
METHOD (METHOD (METHOD (GROUND)	OF SOIL SA OF ROCK C VATER LE\	CING BORING MPLING: ORING: /ELS:	MACRO-CORE Op	en tube contir	nuous samples						Tetra Tech	NUS, Inc.
OTHER OF	SERVATIO	NS:	Phase FID= A	PID= A	Flag	number 6	86 Former Landfill area - Parking Lot	BORING NO 386			PAGE: 1	OF 1

1

BORING L	OG FOR:		Raymark OU9 RI/	FS			BORING I	IO.:	387		
PROJECT	NO.:		N1369				START DA	TE:	12/11/03		
LOGGED	BY:		K. Jaikut				TRANSCRIBED BY: RAC COMPLET	ION: DATE:	12/11/03		
DRILLED	BY (Compa	any/Driller):	Aquifer Drilling &	Testing/S. F	rzybylski		MON, WE	LL NO.:	NA		
	RFACE ELI	-		······································			ELEVATION FROM: CHECKET		JL		
							THE TWO THE WAS AND THE TOTAL OF THE TOTAL O				
DEBTIL	BLOWS	SAMP	SAMPLING	DEPTH	SOIL			uscs	REMARKS	FIE	LD
DEPTH (FEET)	PER	REC.	TIME &	MAT'L	DENSITY/		MATERIAL	or	(moisture condition;		ENING
(FEE1)	6"	SAMP	SAMPLE NO.	CHG./ WELL	CONSIS. or ROCK	0.0	CLASSIFICATION	ROCK	odors; geological		ATA .
0	NA.	LENG.	(QA/QC STATUS)	PROFL	HARD.	CLR		BRKN	classification; rock		HOD =
			SBP-SO-387-0002	TROI E	TIAND.	Blacktop	Asphalt surface - approximately 4"		weathering; etc.) Used dedicated drill steel		(PPM)]
		17' /	OBI -00-001-0002			Biacktop	Aspital surface - approximately 4		through asphalt	FID	PID
		1.7'	Screening	1			0111D 10D1(C) C		⊣	0.0	0.0
		/ 2°			Loose	Brown	SAND and GRAVEL – Fine to coarse sand, well graded, fine and coasubrounded gravel ½" – 1 ½"	rse SW/GW. Fill	Damp		
1			12/11/03 @ 1545	-							
							SAND, trace gravel. Fine-medium mostly, poorly graded, 2 pieces fil	e SP/Fill		0.0	0,0
						2	subrounded gravel to 1/2*, glass, seashells			0.0	0.0
					+	V		*	7		
2		İ		1 1	Dense	Black	SILT, trace sand (fine sand, glass)	ML/Fill	Damp	0.0	0.0
			SBP-SO-387-0204	1 1	Loose	Brown	SAND and GRAVEL. Fine to coarse sand, well graded, fine and coa	se SW/GW	Saturated sand	 	
		2' /					subrounded gravel 1/2" - 1"	Fill		0.0	0.0
	İ	/ 2'	Screening	1	Dense	Black	SILT, with some organic fibers (not an organic silt)	ML/Fill	4	ļ	
3		/ -	12/11/03 @ 1550		I	I	Ole 1, With Bottle Organio nocia (not all organio dill)	14151 111	Damp only	13.0	0.0
-			1211700 (8) 1000	-		-	CAND Financial control of the		<u> </u>	 	-
							SAND, some gravel. Fine-medium sand, poorly graded, organic roof glass, charred wood, fine subrounded gravel to ½"	s, SP/Fill	Damp	52	0,0
				1		d			_		
					\ \	\ \ \	Charred WOOD, glass, plastic	1 1	1 1	20	0.0
4					Loose	Gray	SAND, fine-medium sand, poorly graded	▼	_	7.5	0.0
				EOB @			EOB @ 4' bgs - Backfill with Bentonite (4'-0.25") and asphalt cold pa	ch			
				4' bgs		l.	(0.25'-0')				
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L	<u> </u>								<u> </u>	<u></u>	
TYPE OF	DRILLING F	RIG:	GEOPROBE - 4 X	4 Mule					Tetra Tech	NUS I	nc
METHOD	OF ADVAN	CING BORIN	G: DIRECT- PUSH						13.3 1001		
METHOD	OF SOIL SA	AMPLING:	MACRO-CORE OF	oen tube con	tinuous sample	es to 4' in 2' in	ntervals			┎ ो	
METHOD	OF ROCK (CORING:	N/A						1		
GROUND	WATER LE	VELS:									

Phase I Flag Number 721

OTHER OBSERVATIONS:

PAGE:

BORING L PROJECT			Raymark OU9 Rt. N1369	/FS				BORING NO.: START DATE:		388	
LOGGED			J. Lambert				TRANSCRIBED BY: DH	COMPLETION:	· DATE:	12/11/03 12/11/03	
		any/Driller):	AQUIFER DRILL	NG & TEST	NG/ Rob			MON. WELL N		N/A	
	RFACE ELI	•					ELEVATION FROM:	CHECKED BY:		JD	
		 				_	*				
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION 0-0.4' asphalt – not sampled/logged		USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		1.2'	SBP-SO-388-0002 Screening		Slightly Dense	Brown	0' - 0.7' - Fine-coarse SAND, some gravel		SW	Odor	PID=0.0 FID=3.5
1		2.0'	12/11/03 @ 1605			Black	0.7' - 1.2' - Silty, fine-medium SAND, some coalso, glass, wood, plastic fragmen		SM/Fill	- Moist	
2										Moist	
		,	SBP-SO-388-0204 Screening				Silty fine-coarse SAND, some angular gravel, fragments	also wood, metal		Odor Moist	
3			12/11/03 @ 1610	_							PID=0.3 FID=31.8
										Moist	
4				FOR	<u> </u>	<u> </u>	<u> </u>		<u> </u>		
				EOB @ 4' bgs							
	-		-								<u> </u>
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									,		
		,									
METHOD		CING BORIN							*	Tetra Tech	NUS, Inc.
METHOD	OF SOIL SA OF ROCK (WATER LEY	CORING:	MACRO-CORE O	oen tube conti	nuous samples	to 4 feet in	2 foot intervals				L
	BSERVATION		Phase FID= A	PID= A	Flag	number	685 Former Landfill area – Parking Lo	t BORING NO.: 3	188	PAGE: 1	OF 1

PROJECT LOGGED			N1369 K. Jalkut				TRANSCRIBED BY: RAC	START DATE: COMPLETION:	· DATE·	12/11/03 12/11/03		
		any/Dritler):	Aquifer Drilling &	Testina/S. F	Przybylski			MON. WELL N		N/A		
	RFACE ELE						ELEVATION FROM:	CHECKED BY:		JL		
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION	N	USCS or ROCK BRKN	(moisture con lition; odors; geological classification; rock weathering; etc.)	SCRE DA METH	ELD ENING ATA HOD = (PPM)]
			SBP-SO-389-0002			Blacktop	Asphalt surface - approximately 4"	w ·		Used dedicated drill steel	FID	PID
		1.7'	Screening							through asphalt	0.0	0.0
1 _		/ 2°	12/11/03 @ 1605		Loose	Brown	SAND and GRAVEL. Fine to coarse sand, v coarse subrounded gravel ½" – 1"	well graded, fine and	SW/GW Fill	Damp	4.9	0.0
					Denser	Dark Brown	Silty SAND, trace gravel. Fine to coarse sar coarse subrounded gravel to 1"	nd, well graded, 1 piece	SM/Fill	Damp	1.1	0.0
2						Black	SAND. Fine to coarse sand, well graded, or	rganic roots	₩ SW/Fill	Compressed soil	1.9	0.0
		1.5'	SBP-SO-389-0204			Dark Brown- Black	SAND and GRAVEL, some silt. Fine to coa coarse subrounded gravel to 1 1/4"	arse sand, well graded,	SW/GW/ Fill	Saturated sands	0.0	0.0
3		2'	Screening 12/11/03 @ 1610		Loose	Reddish Purple	Silty SAND, some gravel. Fine-medium san coarse subrounded gravel to 1"	nd, poorly graded, 1 piece	SM/Fill	Petroleum odor (ol-factory evidence too)	175	0.0
			Ü		\		\				1	
					Dense	Black	Silty SAND, similar to above, no gravel, orga	anic roots			1.4	0.0
4					 				<u> </u>	Compressed soil	17	
				EOB @ 4' bgs			EOB @ 4' bgs - Backfill with Bentonite (4'-0 patch (0.25'-0')	0.25") and asphalt cold				
			·									
				1		·				1	<u>/</u>	 -
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									,			
				4.5.4	1					·		
	DRILLING I		GEOPROBE – 4 X IG: DIRECT- PUSH	4 Mule				Note:		Tetra Tech	NUS, I	nc.
1	OF SOIL SA	CING BORIN	MACRO-CORE O	nen tube con	tinuous samole	es to 4' in 2' inte	rvals					
	OF ROCK		N/A	pon sube con	minono amithi	to - mile mile		Refusal 0-2', move	ed over 1' ar	ıd re-		
	WATER LE							drined 0-2				
	BSERVATI		Phase I Flag Nu	mber 704				BORING NO.: 389 PAGE: 1 O		OF	1	

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Raymark OU9 RI/FS

BORING LOG FOR:

BORING LOG FOR: PROJECT NO.: OGGED BY: PRILLED BY (Company/Driller): PRIL SURFACE ELEVATION:		Raymark OU9 RI/ N1369-0320 J. Lambert Aquifer Drilling &		Ullmann		TRANSCRIBED BY:	BORING NO.: START DATE: COMPLETION: DATE: MON. WELL NO.: CHECKED BY:		390 12/12/03 12/12/03 N/A JD		
DEPTH PER 6* O N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	·	MATERIAL CLASSIFICATION	· · · · · · · · · · · · · · · · · · ·	USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
	1.4'	SBP-SO-390-0002 Screening		Slightly Loose	Brown	Fine-coarse SAND, trace	e gravel, trace silt		sw	Moist	PID=0.9 FID=0.0
1	, 	12/12/03 @ 0835									
2		SBP-SO-390-0204									PID=0.0
3	1.0'	Screening 12/12/03 @ 0840						<u> </u>			FID=0.0
			EOB @ 3' bgs								
4									-		
,											
									- > -		
	:										
TYPE OF DRILLING F METHOD OF ADVAN METHOD OF SOIL SA METHOD OF ROCK O GROUNDWATER LE' OTHER OBSERVATION	CING BORIN AMPLING: CORING: VELS:	GEOPROBE – G: DIRECT- PUSH MACRO-CORE CO N/A Phase I FID= A	ontinuous sam		intervals, to		dfill area (Mini-nolf course			Tetra Tech	n NUS, Inc.

BORING L	.OG FOR:		Raymark OU9 RIA	FS			BORING NO.:		391		
PROJECT	NO.:		N1369				START DATE:		12/12/03		
LOGGED	BY:		K. Jalkut				TRANSCRIBED BY: RAC COMPLETION		12/12/03		
DRILLED I	BY (Compa	nv/Driller):	Aquifer Drilling &	Testina/S. F	rzybylski		MON. WELL N		N/A		
	RFACE ELE						ELEVATION FROM: CHECKED BY		JL		
						_					
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP	SAMPLING TIME & SAMPLE NO.	MAT'L CHG./ WELL	DENSITY/ CONSIS. or ROCK	CLR	MATERIAL CLASSIFICATION	USCS or ROCK	REMARKS (moisture condition; odors; geological classification; rock	SCRE	ELD ENING ATA HOD =
0	NA	LENG.	(QA/QC STATUS)	PROF'L	HARD.		Grass Surface near mini golf course	BRKN	weathering; etc.)		(PPM)]
		1.9'	SBP-SO-391-0002	1	Dense	Red Brown	Silty SAND and GRAVEL. Fine to coarse sand, well graded, fine subrounded gravel to ½", coarse angular gravel to ½",	SM/GM/ Fill	Wet Grass plug/root mat = approximately 4"	FID 0.0	PID 0.0
1		/ 2	Screening 12/12/03 @ 0830		+	1	↓			0.0	
					Loose	Gray	SAND, some gravel. Fine to coarse sand, well graded, coarse subangular gravel to 1"	SW/Fill	Dry	0.0	0.0
2						White	TRAP ROCK – 2" diameter layer of white crushed stone	Fill		0.0	0.0
		1.6'	SBP-SO-391-0204 Screening			Gray I	SAND and GRAVEL. Fine to coarse sand, well graded, fine and coarse subrounded gravel ½" – 1"	SW/GW/ Fill		1.3	0.0
3		2'	12/12/03 @ 0835				↓			-	
							FILL, silty SAND. Fine-medium sand mostly, glass, newspaper, burned wood, plastic to 1"	SM/Fill			
4					\	_	↓		. ↓	8.5	0.0
				EOB @ 4' bgs			EOB @ 4' bgs - Backfill with Bentonite (4'-1') and topsoil (1'-0')				
				1				1			
								 			
'											
				-				<u>`</u> -			
								-			
L				J.		<u> </u>		1		l	<u> </u>
TYPE OF 0	DRILLING R	IG:	GEOPROBE 4 X	4 Mule					Tetra Tech	NIIS I	nc
METHOD (OF ADVANC	ING BORIN	G: DIRECT- PUSH						1000	. 100, 7	,,o.
	OF SOIL SA		MACRO-CORE O	oen tube con	tinuous sample	s to 4' in 2	intervals			.)	
METHOD	OF ROCK C	ORING:	N/A		<u>'</u>						

BORING NO.:

391

Raymark OU9 RI/FS

Phase I Flag Number 702

BORING LOG FOR:

OTHER OBSERVATIONS:

PAGE:

BORING L PROJECT LOGGED I DRILLED I GRD. SUR	NO.: BY: BY (Compa	any/Driller): EVATION:	Raymark OU9 RI/ N1369 J. Lambert AQUIFER DRILLI		NG/ Rob		TRANSCRIBED BY:DH	BORING NO.: START DATE: COMPLETION: DATE: MON. WELL NO.: CHECKED BY:	392 12/12/03 12/12/03 N/A JD	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS) SBP-SO-392-0002	DEPTH MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION	USC: or ROCI BRKI	(moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
1		1.5' 2.0'	Screening 12/12/03 @ 0900			BIOWI	0' - 0.4' - Fine sandy SILT; piece of plastic at 0.3' 0.4' - 1.5' -Fine-coarse SAND, trace silt, trace grave	ML/Fi	II Moist	PID=0.0 FID=0.0
									_	
2		1.8'	SBP-SO-392-0204 Screening			- t	0' - 0.3' - Sandy (fine-coarse sand), SILT, some gra	vel SM		PID=0.0 FID=0.0
3		2.0'	12/12/03 @ 0905		_	Dark Gray	0.3' - 1.8' - SfLT, some fine -medium sand, some or	ganics (roots) OL		
4				ЕОВ @		—		1		
				4' bgs					-	
									-	
									-	
TYPE OF I METHOD (METHOD (METHOD (GROUND) OTHER OF	OF ADVANO OF SOIL SA OF ROCK O VATER LEV	CING BORIN .MPLING: :ORING: /ELS:	GEOPROBE – Trac G: DIRECT- PUSH MACRO-CORE Op N/A Phase 1 FID= A		nuous samples	to 4 feet in 2		BORING NO.: 392	Tetra Tech	NUS, Inc.

PROJECT			N1369					START DATE:		12/12			
LOGGED			K. Jalkut					COMPLETION:		12/12	/03		
		any/Driller):	Aquifer Drilling &	resting/S. F	rzydyiski			MON, WELL NO).:	N/A			
GRD. SUF	RFACE ELI	EVATION:		_		_	ELEVATION FROM:	CHECKED BY:		JL			
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION Grass Surface near mini golf course		USCS or ROCK BRKN	(mois odoi class	ture condition; rs; geological iffication; rock thering; etc.)	SCRE DA METH	LD ENING TA HOD = PPM)]
			SBP-SO-393-0002		Dense	Red -	SAND and GRAVEL. Fine to coarse sand, well graded, fine	and coarse	SW/GW	Root ma	t/grass =	FID	PID
ļ		1.8'	Screening			Brown	angular gravel ¼" – 1", roots	·	Fill	approxin Damp	nately 3"	0.0	0.0
1			12/12/03 @ 0845]			+		₩			l	
							SAND. Fine-medium sand, poorly graded, roots		SP/Fill	Dry		0.0	0.0
2						↓	Fine to coarse sand, trace fine subrounded gravel at end		¥ SW/Fill				· · · ·
		1' /	SBP-SO-393-0204	1		Gray	SAND and GRAVEL. Fine to coarse sand, well graded, fine angular gravel ½" – 1", crushed stone	and coarse	SW-GW Fill		-	0.0	0.0
3		/ 2	Screening 12/12/03 @ 0850			Black I	FILL, wood chunks, glass, plastic		Fill	1		0.0	0.0
				1 1	\downarrow					Refusal			
				EOB @		<u> </u>			-	-			
				3.5' bgs					*	compres	sed soil		
							EOB @ 3.5' bgs (refusal) - Backfill with Bentonite (3.5'-1') an	nd topsoil (1'-0')				1	
					(i (
				1		<u> </u>							
						-				-		-	
				1		<u> </u>				-		 	
1													
									*				
		!		1						1			
	<u> </u>	l		4		-				1	· · · · · · · · · · · · · · · · · · ·		l
TYPE OF	DRILLING I	RIG:	GEOPROBE - 4 X	4 Mule							Tetra Tech	NUS I	nc
METHOD	OF ADVAN	CING BORIN											
1	OF SOIL S		MACRO-CORE O	pen tube con	tinuous sample	es to 4' in 2	intervals				[⋤ Ì	
	OF ROCK		N/A								[•	L-j	
	WATER LE		Dt 1 P1 11					SDINO NO =					
OTHER O	BSERVATI	UNS:	Phase I Flag Nu	mper /u1				DRING NO.: 3	93		PAGE: 1	OF.	1

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BORING LOG FOR:

Raymark OU9 RI/FS

BORING I	OG FOR:		Raymark OU9 RIA	/FS					BORING NO.;		394	
PROJECT	NO.:		N1369						START DATE:		12/12/03	
LOGGED	BY:		J. Lambert					TRANSCRIBED BY:DH	COMPLETION: D	ATE:	12/12/03	
DRILLED	BY (Compa	any/Driller):	Aquifer Drilling &	Testing/ Rob	Ullmann				MON. WELL NO.	:	N/A	
GRD. SUF	RFACE ELI	EVATION:						ELEVATION FROM:	CHECKED BY:		JD	
	BLOWS	SAMP	SAMPLING			_		The second secon				
DEPTH (FEET)	PER 6" N/A	REC. / SAMP LENG.	TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSIT CONSI or ROO HARE	TY/ IS. CK	CLR	MATERIAL CLASSIFICATION		USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
			SBP-SO-394-0002		Slightl		Brown	0' - 0.2' -Grass/roots (root plug)	-	SM	order order of the control of the co	PID=0.0
		1.5'	Screening		Loose	e		0.2' - 0.6' - Silty, fine-coarse SAND, trace gravel		i		FID=0.0
1		2.0'	12/12/03 @ 0920					0.6' - 1.5' - Fine-coarse SAND, trace silt, some grave		sw		
				1		7						-
						-						
2			SBP-SO-394-0204	4		4	\perp	O' O O' Civillanta abassa				
		1.9'	Screening				*	0' - 0.2' - Similar to above		↓		
:		2.0'	Confirmation		Slightl		Dark	0.2' - 0.7' - SILT, some fine sand		ML		PID=0.0
3			12/12/03 @ 0925	-	Dense		Gray	<u></u>				F1D=0.0
					Slighti Loose		Gray Brown	0.7' - 0.9' - Silty, fine-coarse SAND (mottled colors)		SM		PID=0.0
					1	1	Black	0.9' - 1.9' - Fine-coarse SAND and charcoal – burn la	ver			FID=0.0
4										SW/Fill		
				EOB @ 4' bgs								
				1		-1						-
-		<u> </u>		-		4						
								1	:			
							·					
				-		+		-				
,												
						-1				,		
					-	7						 .
						-		<u> </u>				
					2.2							
TYPE OF	DRILLING F	RIG:	GEOPROBE - Trac	ck- mounted (I	Rig 2)			-			Tetra Tech	NUS Inc
		CING BORIN									75.76	
į.	OF SOIL SA		MACRO-CORE C	ontinuous san	nples to 4 1	feet in	2 foot inte	vals				■ _ Ì
1	OF ROCK (N/A								[1	L)
	NATER LE		Dhose i CID- A	PID=A		Eloa :	number 7	10 Former Landfill and Minister	DODING NO			
DIHERO	BSERVATION	JNO:	Phase I FID= A	PID=A		riag (number 70	Former Landfill area – Mini golf course	BORING NO.: 394		PAGE: 1	OF 1

1 OF

	LOG FOR:		Raymark OU9 RI	/FS			80	ORING NO.:	395			
PROJECT			N1369					ART DATE:	12/12/			
LOGGED			K. Jalkut				TRANSCRIBED BY: RAC COMPLETIC			03		
		any/Driller):	Aquifer Drilling &	Testing/S. f	^o rzybylski		MON. WELL		N/A			
GRD. SUI	RFACE ELI	EVATION:					ELEVATION FROM: CH	ECKED BY:	JL_			
	I	SAMP	SAMPLING	DEDTU	000				-	H-11 P-11 P		
DEPTH	BLOWS PER	REC.	TIME	DEPTH MAT'L	SOIL DENSITY/		MATERIAL	USC		EMARKS ture condition;		ELD ENING
(FEET)	6"	1	&	CHG./	CONSIS.		CLASSIFICATION	or	odon	s; geological		TA
1.	_	SAMP	SAMPLE NO.	WELL	or ROCK	CLR		ROC	oleani	ification; rock	METH	10D =
0	NA	LENG.	(QA/QC STATUS)	PROF'L	HARD.		Grass Surface mini golf course		wear	thering; etc.)	[FID, ((PPM)]
			SBP-SO-395-0002		Dense	Red-	Silty SAND, trace gravel. Fine-medium sand, some coarse sand	d, poorly SM/F			FID	PID
		1.9'	Screening			Brown	graded, organic roots, trace fine subrounded gravel to 1/2"		approxim	ately 3*	0.0	0.0
		/ 2'	Screening						— Damp			
1			12/12/03 @ 0905		▼		▼	🔻				
					Loose		SAND. Fine-medium sand, poorly graded	SP/F	ill Saturated	i	1	
1											0.0	0.0
					Dense		Silty SAND, trace gravel. Similar to 0' - 1' interval	SM/F	Damp		1	
2							1	1.1	Jamp		0,0	0.0
			SBP-SQ-395-0204	1								
		1.9'	Screening and		♦		♦				0.0	0.0
<u> </u>		/ 2	Confirmation		Loose	\vdash	Silty SAND. Fine sand, organic roots, poorly graded		-		-	<u> </u>
3			12/12/03 @ 0910			▼		♦	- 1		0.0	0.0
	-		-	1	1 1	Black	SAND/FILL. Fine-medium sand, poorly graded, burned wood ch	nunks SP/F	ill Possible	petroleum odor	-	
	-					White	TRAP ROCK – 2" gravel (white) fragments	Fill		petroleum odol	0.0	0.0
			}		 	Black	SAND, trace gravel. Fine-medium sand, poorly graded, 1 piece				13	
4					↓	Didok	and coarse subrounded gravel to 1"	Cacillitie 5F/1	IA		0.0	0.0
-				EOB @							ļ	
İ				4' bgs	1	l	EOB @ 4' bgs - Backfill with Bentonite (4'-1') and topsoil (1'-0')	1				1 '
				7 595			EOD (g 4 bgs - Backilli With Bertonite (4-1) and topsoil (1-0)				-	——
	<u> </u>					l						1
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						l						1
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TVPE OF	DBILLING	310.	CEODBOBE 42	4 Mule					- 10			
TYPE OF DRILLING RIG: GEOPROBE – 4 X 4 Mule METHOD OF ADVANCING BORING: DIRECT- PUSH							4 · · · · · · · · · · · · · · · · · · ·			Tetra Tech	NUS, II	nc.
							2' intervals					
METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: MACRO-CORE Open tube continuous samples to 4' in N/A							& HIGHTHIS			767		
	WATER LE		10/1							<u></u> '		
l l	BSERVATI		Phase I Flag Nu	mber 734			ROR	RING NO.: 395		PAGE: 1	OF	1
				Phase I Flag Number 734 E						I AGE.	Or.	1 1

PROJECT LOGGED I DRILLED I	ORING LOG FOR: ROJECT NO.: N1369 J. Lambert Aquifer Drilling & Testing/ Rob Ullmann BLOWS SAMP SAMPLING Raymark OU9 RI/FS N1369 J. Lambert Aquifer Drilling & Testing/ Rob Ullmann						TRANSCRIBED BY:	BORING NO.: START DATE: COMPLETION: I MON. WELL NO CHECKED BY:		396 12/12/0 12/12/0 N/A JD		
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION		USCS or ROCK BRKN	(moistu: odors; classifi	MARKS re condition; geological cation; rock ering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		1.7'	SBP-SO-396-0002 Screening		Slightly Dense	Brown	Top 0.2' - Root plug 0' - 0.8' - Sandy (fine-coarse sand), SILT		OL	Moist		PID=0.0 FID=0.0
1			12/12/03 @ 0950			Black Brown	0.8' - 0.9' - Charcoal- burn layer 0.9' - 1.4' - Fine-coarse SAND, some gravel, trace silt		sw			
2		1.0	SBP-SO-396-0204		▼ Dense	Dark Gray	1.4' - 1.7' - Fine-medium SAND, some coarse sand		₩L			PID=0.0
3		2.0'	Screening 12/12/03 @ 0955			Clay	Sandy (fine sand) SILT, some organics (roots)					FID=0.0
4				EOB @ 4' bgs	*	•	*		\	Y		
				<u> </u> 							· · · · · · · · · · · · · · · · · · ·	
,									,			-
												
TYPE OF I METHOD (METHOD (METHOD (GROUNDY OTHER OF	OF ADVAN OF SOIL SA OF ROCK (VATER LE	CING BORIN MPLING: ORING: /ELS:	GEOPROBE - Trac G: DIRECT- PUSH MACRO-CORE Op N/A Phase I FID= A		nuous samples	to 4 feet in	2 foot intervals 699 Former Landfill area – Mini golf course	BORING NO.: 39	6		Tetra Tech	E

	BY (Compa	•	K. Jalkut Aquifer Drilling &	Testing/S. F	rzybylski		TRANSCRIBED BY: RAC COMPLETION MON. WELL	NO.:	12/12/03 N/A		
GRD. SUF	RFACE ELE	VATION:			,		ELEVATION FROM: CHECKED E	BY:	JĹ.		
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION Grass Surface – mini golf course area	USCS or ROCK BRKN	(moisture condition; odors; geological	SCRE DA META	ELD ENING ATA HOD = (PPM)]
			SBP-SO-397-0002		Dense	Red Brown	SAND, some silt, some gravel. Fine to coarse sand, well graded, fine a coarse subangular gravel ½" – 1", organic roots	nd SM/Fil	Grass/root plug =	FID 0.0	PID 0.0
1			12/12/03 @ 0920		Loose		SAND, some gravel. Fine-medium sand, poorly graded, fine and coarse subangular to subrounded gravel ½" – 1"	SP/Fil	approximately 3" Damp	0.0	0.0
							SAND, trace silt. Fine-medium sand, poorly graded		Dry I	0.0	0.0
2					▼ Dense	Tan-Gray Black	SAND. Fine-medium sand, poorly graded SAND, some silt. Fine to coarse sand, well graded	SM/Fil		0.0	0.0
			SBP-SO-397-0204		Loose	Red- Brown	Silty SAND. Fine-medium sand, poorly graded		Saturated	0.0	0.0
3			Screening 12/12/03 @ 0930		Dense	Dark Brown	Silty SAND, some gravel, wood fibers. Fine-medium sand mostly, some coarse sand, fine and coarse subrounded gravel to $\frac{1}{2}$ – 1"	•		0.0	0.0
						Black	SILT (1" interval) SAND, some silt, organics. Fine-medium sand mostly, poorly graded,	ML/Fil SP/Fil		0.0	0.0
4					+	\	roots and twigs		Compressed material		
				EOB @ 4' bgs			EOB @ 4' bgs - Backfill with Bentonite (4'-1') and topsoil (1'-0')				
		···									
,					<i>,</i>						
		-,		_							
				·							
METHOD	DRILLING F OF ADVANO OF SOIL SA	CING BORIN	GEOPROBE - 4 > DIRECT- PUSH MACRO-CORE OF		tinuous sample	es to 4' in 2' i	ntervals	· · · · ·	Tetra Tec	h NUS, I	nc.
METHOD	OF ROCK (ORING:	N/A							<u>5</u>	
OTHER C	BSEDVATIO	NS:	Phase I Flag N	umber 697			BORING NO.:	397	PAGE	1 OF	1

START DATE:

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12/12/03

Raymark OU9 RI/FS

N1369

BORING LOG FOR:

PROJECT NO.:

BORING L	OG FOR:		Raymark OU9 RI/	FS	_		BORING NO.	:	398	
PROJECT	NO.:		N1369			· 	START DATE	:	12/12/03	
LOGGED	BY:		J. Lambert				TRANSCRIBED BY: DH COMPLETIO	N: DATE:	12/12/03	
DRILLED	BY (Compa	any/Driller):	Aquifer Drilling &	Testing/ Rob	Ullmann		MON. WELL		N/A	
GRD. SUF	RFACE ELE	EVATION:		-			ELEVATION FROM: CHECKED B'		JD	
				-				-		7
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPL!NG TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION	USCS or ROCK BRKN	(moisture condition; odors; geological classification; rock	FIELD SCREENING DATA METHOD =
		22.10.	SBP-SO-398-0002	PROFL	Slightly	Brown	0' - 0.4' - Silty, fine-coarse SAND		weathering; etc.)	[FID, (PPM)]
		1.1'		0	Dense	DIUWII	0 - 0.4 - Sitty, time-coatse SAND	SM	Moist 0.4'-0.8'= wet	PID=0.0 FID=0.0
1		2.0'	Screening 12/12/03 @ 1035				0.4' - 1.1' - Gravelly, fine-coarse SAND, some silt	sw	- 0.8' down=moist	
									Moist	
								-	1	
2							↓			
-			SBP-SO-398-1040		1		0' - 1.1' - Silty, fine-coarse SAND, some gravel	SM		PID=0.0
		1.7'	Screening							FID=1.9
3		2.0'	12/12/03 @ 1040			Red- Brown	1.1' - 1.7' - Sandy, (fine-medium sand) SILT, some organics (roots)	ML		
3			12/12/03 @ 1040							-
_									[↓	
4				EOB @	_	₩	+		<u> </u>	
				4' bgs						
									i)	_
-							<u> </u>	-	<u> </u>	
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									1	
				4	<u> </u>				<u> </u>	
	DRILLING F		GEOPROBE - Trac	k- mounted (Rig 2)				Tetra Tech	NUS, Inc.
	OF ADVAN	CING BORIN	G: DIRECT- PUSH MACRO-CORE C	antinuous san	onles to 4 feet in	n 2 foot inter	nole			$\overline{}$
	OF ROCK (N/A	, minuous 580	innes to 4 leet l	i z ioot inter	Yaio			}
			11//1						["	-
GROUNDWATER LEVELS: OTHER OBSERVATIONS: Phase I FID= A PID= A Flag numb						number	717 Former Landfill area – Mini golf course BORING NO.:	398	DACE	
O I I I I I I	COLIVERIN	J. 10J.	THUOST TIDEN	1 135 - 7 (1 103		Torrior Editoris area - mini gon course BORING NO	J20	PAGE:	1 OF 1

PROJECT	NO.:		N1369					START DATE:		12/12/03		•		
LOGGED	BY:		K. Jalkut				TRANSCRIBED BY: RAC	COMPLETION:	DATE:	12/12/03	- 10.0			
DRILLED	BY (Compa	any/Driller):	Aquifer Drilling &	Testing/S. F	rzybylski		·	MON. WELL NO		N/A				
GRD. SUF	RFACE ELE	EVATION:					ELEVATION FROM:	CHECKED BY:		JL				
							V	w						
l	BLOWS	SAMP	SAMPLING	DEPTH	SOIL				uscs	REMARKS	FIE	ELD		
DEPTH	PER	REC.	TIME &	MAT'L	DENSITY/		MATERIAL		or	(moisture condition		ENING		
(FEET)	6"	SAMP	SAMPLE NO.	CHG./ WELL	CONSIS.		CLASSIFICATION		ROCK	odors; geological		ATA		
0	NA	LENG.	(QA/QC STATUS)	PROF'L	or ROCK HARD.	CLR	Grass Surface – near mini golf course		BRKN	classification; rock weathering; etc.)		HOD =		
<u> </u>			SBP-SO-399-0002	FROFE	Dense	Brown	SAND, some silt. Fine to coarse sand, well graded, roots		SM/Fill	Grass/root plug =		(PPM)]		
			357-30-389-0002		Delise	DIUWII	SAND, some sile. Fine to coalse sand, well graded, roots	'	SW/FIII	approximately 4"	FID	PID		
		2 /	Screening							''	0.0	0.0		
		/ 2°			T	Red-	Similar to above, with more fine-medium sand, some coa	irse sand, poorly		Damp	0.0	0.0		
1			12/12/03 @ 0945		Loose	Brown	graded, roots		▼	Dry	0,0	0.0		
				1		Black	SAND, trace silt, trace gravel. Fine-medium sand, poorly	graded, trace	SP/Fill					
				1	↓	l. 1	fine and coarse subrounded gravel to 1", organic roots				10			
				l .	Dense						· · · · · · · · · · · · · · · · · · ·			
2					Dorido	↓			↓		2.2	0.0		
			222 22 222 2224	-		7	CAND and the first and the state of the stat		▼			╄		
			SBP-SO-399-0204		Loose	Gray	SAND, some gravel. Fine to coarse sand, well graded, figravel to ½"	ne subrounded	SW/Fill		0.0	0.0		
		1.4'	Screening				graves to 72							
		/ 2°	O. Carming								0.0	1		
3		,	12/12/03 @ 0950		ll I Y				♦	♥	0.0	0.0		
				1	T I		GRAVEL, some sand. Mostly coarse angular gravel or tr	ap rock	GW/Fill			1		
				1	U 1 U		fragments (white quartz) and fine to coarse sand, well gra	aded			- 1			
	,,,	i			1	─ ─₩	WOOD (charred), GLASS, PLASTIC, mixed with silty SA	ND Fine	Fill/SM		-	-		
1.				1	Dense	Black	medium sand, poorly graded	ND. TING	FILLOURI		0.0	0.0		
4					Delise	DIACK				Damp		ļ		
				EOB @										
				4' bgs	Ľ		EOB @ 4' bgs - Backfill with Bentonite (4'-1') and topsoil	(1'-0')						
				1	1	17								
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	<u> </u>	<u> </u>	<u> </u>	<u> </u>	12 Y					<u> </u>				
TYPE OF	DRILLING S	PIC:	GEOPROBE - 4 X	4 Mule					-	T-1 T				
		RIG: CING BORIN		- Muic						letra l	ech NUS, I	nc.		
				an fuha ac-	tinuoue samala	e to A' in S	' intervale			(
METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: MACRO-CORE Open tube continuous samples to 4' in 2' inte						50 W 4 III 2	. III.G. Falls							
			N/A							[
GROUNDWATER LEVELS: OTHER OBSERVATIONS: Phase 1 Flag Number 681								DODING NO.						
OTHER	BSERVATI	ONS:	Phase I Flag Nu	mper 681				BORING NO.: 3	99	PAGE:	1 OF 1			

399

BORING LOG FOR:

Raymark OU9 RI/FS

PROJECT N			N1369				START DATE:	_	12/12/03		
LOGGED BY			K. Jalkut				TRANSCRIBED BY: RAC COMPLETION: D	ATE:	12/12/03		
DRILLED BY			Aguifer Drilling	& Testing/S	. Przybylski		MON. WELL NO.:	_	N/A		
GRD. SURF.	ACE ELE	VATION:					ELEVATION FROM: CHECKED BY:	_	JL		
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION Grass Surface –mini golf course area	USCS or ROCK BRKN	(moisture condition; odors; geological classification; rock weathering; etc.)	SCREI DA METH	LD ENING TA OD = PPM)]
		2' /	SBP-SO-400-0002		Loose	Red- Brown	SAND, trace silt, organic roots, twig. Fine-medium sand mostly, trace coarse sand, poorly graded	SP/Fill	Grass/root plug = approximately 3"	FID	PID
1		2'	Screening 12/12/03 @ 1025			Tan- Brown	SAND, trace gravel. Fine to coarse sand, well graded, trace fine subrounded gravel to ½"	SW/Fill	'	0.0	0.0
					▼ Dense	Dark Brown	Silty SAND (1/2" thick layer with organic voots, fine-medium sand poorty graded)	SM/Fill	Dry	0.0	0.0
2					Loose Dense	Tan- Dark	SAND. Fine to coarse sand, well graded Silty SAND (½" thick poorly graded layer with organic roots, fine-medium	SW/Fill	↓	0.0	0.0
		2'	SBP-SO-400-0204		Loose	Tan- Brown	SAND, trace gravel. Fine to coarse sand, well graded, trace fine subrounded gravel to $\frac{1}{2}$ °	SW/Fill	Damp	0.0	0.0
3		2	Screening 12/12/03 @ 1030			White	GRAVEL. White trap rock (quartz fragments)	Fill		0.0	0.0
				1		Red- Brown	SAND. Fine-medium sand, poorly graded	SP/Fill		0.0	0.0
4					+	Tan-	SAND. Fine to coarse sand, well graded	SW/Fili	Saturated sand	0.0	0.0
				EOB @ 4' bgs			EOB @ 4' bgs - Backfill with Bentonite (4'-1') and topsoil (1'-0')				
-											, i
						l					
								-			
				إسسا				0			
TYPE OF DE	RILLING RI	G:	GEOPROBE - 4	X 4 Mule					Tetra Tech	NI IS I	200
METHOD OF	ADVANC	ING BORING	G: DIRECT- PUSH						rena recii	1400, 11	IU.
METHOD OF	SOIL SAM	APLING:	MACRO-CORE	Open tube c	ontinuous sam	ples to 4' in 2'	intervals			∟)	
METHOD OF GROUNDWA			_N/A			.					
	OBSERVATIONS: Phase I Flag Number 737 BORING NO.: 400 PAGE: 1 OF 1										

400

BORING LOG FOR:

Raymark OU9 RI/FS

BORING I			Raymark OU9 RI/	FS				BORING NO.:		401	
PROJECT			N1369	·				START DATE:		12/12/03	
LOGGED			K. Jalkut				TRANSCRIBED BY: RAC	COMPLETION:	DATE:	12/12/03	
DRILLED	BY (Compa	any/Driller):	Aquifer Drilling &	Testing/S. F	rzybylski			MON. WELL NO) .:	N/A	
GRD. SUF	RFACE ELI	EVATION:					ELEVATION FROM:	CHECKED BY:		JL	
I		SAMP	SAMPLING	7000					<u> </u>		
DEPTH	BLOWS	REC.	TIME	DEPTH MAT'L	SOIL DENSITY/		MATERIA			REMARKS	FIELD
(FEET)	PER 6"	1	&	CHG./	CONSIS.	I	MATERIA CLASSIFICA		USCS or ROCK	(moisture condition; odors; geological	SCREENING
	0	SAMP	SAMPLE NO.	WELL	or ROCK	CLR	OLAGORI IGA	111014	BRKN	classification; rock	DATA METHOD =
0	NA	LENG.	(QA/QC STATUS)	PROF'L	HARD.		Ground surface - white rock, near mini ge	olf course	5	weathering; etc.)	[FID, (PPM)]
			SBP-SO-401-0002		Dense	Red Brown	SAND, some silt, trace gravel, roots. Fir	ne to coarse sand, well graded,	SM/Fill	No grass plug	FID = 0
		1.4'	.			1 1	fine gravel subrounded to 1/2", one 2" rock	k fragment	,	Damp	PID = 0
		/ 2	Screening						 	i	
1			12/12/03 @ 1045		+	▼					
				1	Loose	Brown	SAND, some silt, some gravel. Fine coa	arse sand well graded fine and		Saturated sand	FID = 0
					1 1	1	coarse subrounded gravel 1/2" - 1 1/4"			Cataratou Sana	PID = 0
						 			 	-	
2					n - 1						FID = 1.5
<u> </u>			ODD 00 404 0004	-	H	 	OTHER CANDING			<u> </u>	PID = 0
			SBP-SO-401-0204			↓	Silty SAND, trace gravel, fine to coarse s subrounded gravel to 2*, organic roots	sand, well graded, 1 piece coarse		Dry	FID = 0
		2 /	Screening		·					!	PID = 0
		/ 2'			Dense	Black Brown	Silty SAND, fine-medium sand, trace coa material and organic fibers	arse sand, poorly graded, organic	1 1		FID ≈ 19.7
3			12/12/03 @ 1050	1	\vdash	DIOWII	material and organic libers		L		PID = 0
						1				""	FID = 2.0
1											PID = 0
										1 1	FID = 0
4					V .	▼			▼	▼	PID = 0
				EOB @							
				4' bgs		1	EOB @ 4' bgs - Backfill with bentonite of	chips (4'-1') and topsoil (1'-0')			
										i	
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T) (D. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7.		NO.	CEODBORE 44	4 Mule						<u> </u>	
	DRILLING F		GEOPROBE – 4 X	4 Mule						Tetra Teci	h NUS, Inc.
		CING BORIN		non tubo	dinunua to 41 to	O' intervals					
	OF SOIL SA		MACRO-CORE O	Dell tripe con	unuous to 4' Il	ı z intervais					- 1
4	OF ROCK (N/A								-
1	WATER LE		Phase Flag Nu	mbor 719	Moor mini colf	nourse		BODINO NO			
OTHERO	BSERVATION	JNO:	Pilase i Flag Nu	mpei / 18	Near mini golf	course		BORING NO.: 4	01	PAGE:	1 OF 1

	NO.: BY:	any/Driller): EVATION:	Raymark OU9 RI/ N1369 J. Lambert Aquifer Drilling &		Ullmann	BORING (START DA TRANSCRIBED BY: DH COMPLET MON. WE ELEVATION FROM: CHECKEL			402 12/12/03 12/12/03 N/A JD	
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION	USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		1.6'	SBP-SO-402-0002 Screening		Slightly Dense	Brown Red-	Top 0.2' = grass and roots (topsoil) 0.2' - 0.5' - Sandy (fine-coarse sand), SILT	SM	Moist	PID=0.0 FID=0.0
1			12/12/03 @ 1105	1		Brown Brown	0.5' - 0.9' - Sandy (fine-medium sand), SILT 0.9' - 1.5' - Silty fine-coarse SAND			
2			SBP-SO-402-0204	-			1.5' - 1.6' - Medium-coarse SAND 0' - 0.2' - Similar to above	SP/Fill		
3		1.3'	Screening 12/12/03 @ 1110			Red- Brown	0.2' - 0.6' - Coarse SAND, piece of plastic		-	PID=0.0 FID=0.0
						Dark Brown	0.6' - 1.3' - Fine-medium SAND, some silt, leaf and wood fragments		Wet	
4				EOB @ 4' bgs		*		\$		
METHOD METHOD METHOD GROUND	DRILLING F OF ADVAN OF SOIL SA OF ROCK (WATER LE' BSERVATI	CING BORIN AMPLING: CORING: VELS:	GEOPROBE – Tradicional del GEOPROBE – Tradiciona		กบous samples	s to 4 feet in :		402		h NUS, Inc.

BORING I	OG FOR:		Raymark OU9 RI/	/FS					BORING NO .:		403	
PROJECT	NO.:		N1369				_		START DATE:		12/12/03	
LOGGED			K. Jalkut				-	TRANSCRIBED BY: RAC	COMPLETION:	DATE:	12/12/03	
		any/Driller):	Aquifer Drilling &	Testina/S. I	Przybylski		_	- · · · · · · · · · · · · · · · · · · ·	MON. WELL NO		N/A	
	RFACE ELI						-	ELEVATION FROM:	CHECKED BY:		JL	 -
						A. VALAVAVATAV/		War 19 1 - 5 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	7,700			
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP	SAMPLING TIME & SAMPLE NO.	DEPTH MAT'L CHG./ WELL	SOIL DENSITY/ CONSIS. or ROCK		CLR	MATERIAL CLASSIFICATION		USCS (ROCK BRKN	odors; geological classification; rock	FIELD SCREENING DATA METHOD =
0	. NA	LENG.	(QA/QC STATUS)	PROF'L	HARD.			Grass surface – Mini golf course			weathering; etc.)	[FID, (PPM)]
		1.9'	SBP-SO-403-0002 Screening and		Loose 	Red	Brown	SAND, trace silt, trace gravel. Fine-medium sand mo sand, poorly graded, trace fine subrounded gravel to		\$P/Fill	approximately 3"	FID = 0 PID = 0
1		/ 2	Confirmation 12/12/03 @ 1110				V				Damp	
<u> </u>				1	Dense	Dark	Brown	SAND, trace silt. Mostly fine-medium sand, poorly gr fibers, seashell	aded, organic		Compressed/packed soil	FID = 0
							1				-	PID = 0
2						ļ	▼			*		
			SBP-SO-403-0204		▼	Dark	Brown	Silty SAND, (fine-medium sand, poorly graded)		SM/Fil		FID = 0
L		1.3'	Screening		Loose	٧	Vhite	GRAVEL, trap rock, white quartz		GP	Damp	PID = 0
		/ 2°	Scicening	į	1	В	rown	SAND, trace silt (fine-medium sand mostly, trace coa	rse sand, poorly	SP/Fill	Poor recovery	FID = 15.8
3	i		12/12/03 @ 1115				1	graded), glass, plastic			Compressed soil	PID = 0
						T						i -
İ												
							I					
4					▼		▼	V		▼		
-				EOB @ 4' bgs				EOB @ 4' bgs – Backfill with bentonite chips (4'-1') a	nd tonsoil (1'-0')			
		1				+		200 @ 4 0g3 Deckin with believing (4-1) a	nd topson (1-0)	 	-	
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<u></u>	<u> </u>			<u></u>								<u> </u>
TYPE OF	DRILLING I	RIG [,]	GEOPROBE – 4 X	4 Mule							Tatra TL	NUIC Inc
		NG. ÇING BORIN							-		Tetra Tech	NUS, INC.
1	OF SOIL SA		MACRO-CORE O	pen tube con	itinuous 4' in 2	' interv	als		-			<u>.</u>)
	OF ROCK		N/A						-			
	WATER LE								-			
	BSERVATI		Phase I Flag Nu	mber 698	Mini golf cours	e			BORING NO.: 4	103	PAGE: 1	OF 1

PAGE:

	NO.:		Raymark OU9 RIA N1369 J. Lambert Aquifer Drilling &		Ullmann		TRANSCRIBED BY: DH COMP	G NO.: DATE: LETION: DATE: WELL NO.: KED BY:	404 12/12/03 12/12/03 N/A JD	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION	USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
1		1.6'	SBP-SO-404-0002 Screening 12/12/03 @ 1125		Slightly Dense	Red- Brown	0' - 0.7' - SILT, some fine sand, some organics (reed fragments	s, roots) ML	Moist	PID=0.0 FID=0.0
2						Brown	0.7' - 1.6' - Medium- coarse SAND	SP	Moist - wet	
		1.1'	SBP-SO-404-0204 Screening			Dark	0' - 0.8' - Similar to above		Wet (saturated)	PID=0.0 FID=0.0
3		/	12/12/03 @ 1130	-		Brown	0.8' - 1.1' - Fine sandy SILT and organics (leaf litter, roots)	OL		
4				EOB @ 4' bgs			•	3		
METHOD (METHOD (METHOD (GROUND)	DRILLING RI DE ADVANC DE SOIL SAI DE ROCK CO VATER LEVE	ING BORIN MPLING: DRING: ELS:	GEOPROBE – Trac G: DIRECT- PUSH MACRO-CORE OF N/A Phase I FID=A		nuous samples	. <u></u>	2 foot intervals mer Landfill area - Mini golf course. Wetland area	NO: 404	Tetra Teca	h NUS, Inc.

BORING L	.OG FOR:		Raymark OU9 Rt	/FS				BORING NO	.:	405	
PROJECT	NO.:		N1369					START DATE		12/12/03	
LOGGED	BY:		K. Jalkut				TRANSCRIBED BY: RAC	COMPLETIO		12/12/03	
DRILLED	BY (Compa	ny/Driller):	Aquifer Drilling &	Testing/S. F	Przybylski			MON. WELL		N/A	
GRD. SUF	RFACE ELE	VATION:					ELEVATION FROM:	CHECKED B		JL	
	- 1					· · · · · · · · · · · · · · · · · · ·					
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION Grass surface		USCS or ROCK BRKN	REMARKS (moisture condition; odo geological classification rock weathering; etc.)	n; DATA METHOD =
			SBP-SO-405-0002	7.7.0. 2	Loose	Red Brown	SAND, trace silt. Fine-medium sand mostly, poorly gra coarse sand, organic roots, twigs	aded, trace	SP/Fill	Grass/root plug = approximately 3"	[FID, (PPM)] FID = 0
1			Screening 12/12/03 @ 1130				SAND, some gravel. Fine-medium sand mostly, trace fine and coarse subrounded grave! ½" – 1"	coarse sand,		Damp	PID = 0 FID = 0 PID = 0
						•	SAND, trace silt, trace gravel. Fine-medium sand, trace	o coarco cond		Damp Color change – red to bla Felt like fiber pad – possi	na
2			000 00 105 0001	_	+	Black	poorly graded, trace coarse gravel subrounded to 1"	e coarse sand,	+	geotextile or PACM	FID = 0 PID = 0
			SBP-SO-405-0204 Screening		Denser	Red Brown	Silty SAND (fine to coarse well graded sand)		SM/Fill	Saturated (possible fines)	FID = 4.0 PID = 0
3			12/12/03 @ 1140			Black	SAND and GRAVEL, some silt (fine to coarse sand, we and coarse ½" to 1 ¼" subrounded gravels, glass)	ell graded, fine	SW/GW/ Fill	Damp	
									$\overline{}$		FID = 36,3 PID = 0
4					Loose	White	2 X 2" long pieces of rock at end of sleeve		Fill		
	-			EOB @ 4' bgs			EOB @ 4' bgs – Backfill with bentonite chips (4'-1') and	d topsoil (1'-0')			
-				-					·		
					·			_	*		
1	DRILLING R		GEOPROBE – 4 X	4 Mule		· · · · ·		- Note:		Tetra Te	ech NUS, Inc.
METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: MACRO-CORE Open tube continuous 4' in 2' intervals					intervals		 PACM = Poten	fint nebests			
METHOD	METHOD OF ROCK CORING: METHOD OF ROCK CORING: MYA MRETHOD OF ROCK CORING: N/A GROUNDWATER LEVELS:								taining material		
1	ER OBSERVATIONS: Phase I Flag Number 715 Mini golf course area					агеа		BORING NO.:	405 PAGE: 1 OF		

PAGE:

	NO.: BY: BY (Compa		Raymark OU9 RI/ N1369 M.Bouvier/S. Boni Aquifer Drilling &	is Testing/D. G			TRANSCRIBED BY:	BORING NO.: START DATE: COMPLETION: DATE: MON. WELL NO.: CHECKED BY:		05A 2/04 2/04 /A	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION See Boring Log Number 405 for sample collection of	RO BR	OCK (REMARKS moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
2			No samples collected from 0' – 4'	-			Coo Borring Log Number 400 for Sample Concentration	Cellis			
4		1.5'	SBP-SO-405A-0406	Fill	Medium Dense	Brown	0.4' - Poorty graded SAND, trace silt	S	P Moi		FID=247 PID=<1
6		2.0'	2/2/04 @ 1420		Delide	Dark Gray	1.1' - Silty SAND with municipal solid waste, glass a		/Fill		
		0.8'	SBP-SO-405A-0608 Screening			Dark Gray/ Black	Silty SAND with municipal solid waste, glass, wood,	paper, plastic		urated - Fill water in hole	FID=14 PID=<1
8			2/2/04 @ 1421	EOB @ 4' bgs			*				
,			-			_			,		
METHOD METHOD METHOD GROUND\	DRILLING R OF ADVANC OF SOIL SA OF ROCK C WATER LEV BSERVATIO	CING BORIN MPLING: :ORING: /ELS:	GEOPROBE – 4X4 G: DIRECT- PUSH MACRO-CORE O N/A Approximately 6.5' I Phase It Screening	pen tube cont		s from 4'-8'		BORING NO.: 405A	1	Tetra Tech	E

BORING L	OG FOR:		Raymark OU9 R	I/FS				BORING NO.:		406	
PROJECT	NO.:		N1369					START DATE:		12/12/03	
LOGGED			J. Lambert	· · · · · · · · · · · · · · · · · · ·			TRANSCRIBED BY:DH	COMPLETION:	DATE	12/12/03	
		ny/Driller):	Aquifer Drilling &	Testing/ Sco	tt Pryzhylski		TO WOO MIDED DIT.	MON. WELL N			
GRD. SUF			/ Addition Dimining or	resuligi coo	ACT TYEOTISM	··	ELEVATION FROM:	CHECKED BY:		N/A	
OIND. OUI	u nol lli	TATION.					LELVATION FROM.	CHECKED BY.		JD	
	BLOWS	SAMP	SAMPLING	DEPTH	SOIL				_	DENADAG	
DEPTH	PER	REC.	TIME	MAT'L	DENSITY/		MATERIAL		USCS	(moisture condition;	FIELD SCREENING
(FEET)	6"	1	&	CHG./	CONSIS.		CLASSIFICATION		or	odors; geological	DATA
_	NI/A	SAMP	SAMPLE NO.	WELL	or ROCK	CLR			ROCK	classification; rock	METHOD =
0	N/A	LENG.	(QA/QC STATUS)	PROF'L	HARD.		Top 0.1' grass and roots		BRKN	weathering; etc.)	[FID, (PPM)]
			SBP-SO-406-0002	1	Slightly	Brown	0.1' - 1.0' - Fine sandy, SILT, trace gravel		ML	Moist	PID=0.0
		1.8'	Screening	1	Dense						FID=0.0
		/2.0°	Scieening	1 1						1	
1			12/12/03 @ 1145		1 1 0	₩			♦		
				-		Red-	1.0' - 1.6' - Medium SAND, some rounded gravel		SP	18/-4	-
						Brown	1.0 - 1.0 - Medidin SAND, Some lounded graver		35	Wet	
				11 1							
İ	<u> </u>										
2							1.6' - 1.8' - Fine-medium SAND, trace sitt				0
			SBP-SO-406-0204	1	1		0' - 0.2' - Similar to above				PID=6.1
		1.3'				↓					FID=8.6
		2.0'	Screening	1 3		Off			★		715 0.0
3		/	12/12/03 @ 1150	1 (1 1 1	White	0.2' - 0.4' - Fine-coarse SAND, some gravel		sw		
<u> </u>	· · ·		12 12 00 @ 1100	- 1		Trince	U.Z - U.A - Fille-coalse divide, some graver		244	Moist	
					1 1 1						10
				1 1	-						
				1		Dark	0.4' - 1.3' -Fine-coarse SAND, some gravel, trace silt			1	
4				1	1 + 1	Brown			↓	↓	LC .
				EOB @							
				4' bgs							
				1 .							
					1 1						
				-	<u> </u>						
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				1	1 1						
1				1							
			<u> </u>							<u> </u>	
TYPE OF	DRILLING F	IIG:	GEOPROBE - Tra	ack- mounted (Rig 1)			- · · · · · · · · · · · · · · · · · · ·		Tetra Teci	h NUS, Inc.
METHOD	OF ADVAN	CING BORIN			-			•		1600 160	7,700, 1110.
I	OF SOIL SA		MACRO-CORE O	pen tube conti	inuous samples	to 4 feet in 2	foot intervals	-			-)
1	OF ROCK O		N/A					•			┱ ╴┃
1	WATER LE							•)
1	BSERVATION		Phase I FID=A	PID≃ A	Flar	number 696	Former Landfill area- field surrounding golf course	BORING NO.	ine	5105	
CTITIEN O	- JEINANIN		THOUSE THOMAS	A		,		DOMING NO 4	106		1 OF 1
											TtNUS Form 0018

BORING L	OG FOR:		Raymark OU9 RI/	FS					BORING	NO.:		407	
PROJECT	NO.:		N1369						START D	ATE:		12/12/03	
LOGGED E			K. Jalkut				_	TRANSCRIBED BY: DH		TION: DA	TF:	12/12/03	
DRILLED E		nv/Driller):	Aquifer Drilling &	Testina/ S.Pr	vzbylski		_		MON, WI			N/A	
GRD. SUR							_	ELEVATION FROM:	CHECKE			JD	
					-	_							
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	1	CLR	MATERIA CLASSIFICAT Grass surface –Mini golf course area		R	CS or OCK RKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
			SBP-SO-407-0002	1111011	Dense	Red	Brown	SAND-some silt (fine-medium sand, trace	e coarse sand, organic roo	ts) S	M/Fill	Damp, grass/root plug	FID=0.0
1		2.0'	Screening 12/12/03 @ 1200		Loose	┢	\	SAND and GRAVEL, (fine-coarse sand, subrounded grave! ½" - 1.0")	well graded, fine-coarse		SW- W/Fill	Approximately 3" Saturated sand	PID=0.0
						E	Black	SAND and GRAVEL-some silt (fine-coars fine-coarse subrounded gravel ¼" - 1", bl	se sand, well graded, ack fiber pad)		 	Fiber pad (PACM) Compressed soil	FID=0.0 PID=0.0
2					Dense	Г	T	SAND- trace gravel, trace silt (fine-mediu gravel to ½" – subrounded-organic roots)		ine S	P/Fill		FID=18 PID=0.0
		1.0'	SBP-SO-407-0204				rown- d Brown	SILTY SAND-trace gravel (fine-coarse sa pieces fine gravel to ½" subrounded)	and, well graded, 2	s	M/Fill	Saturated (fibers?)	
		2.0'	Screening			Ìξ	Black	SILTY SAND (fine-medium sand mostly,	poorly graded, gummy		 	Damp	FID=82
3			12/12/03 @ 1210	_	ļ	-		substance, newspaper, plastic, organic n			<u> </u>	Fiber pad - Possible PACM	PID=0.0
			:			L						Poor recovery – Compressed soil	
4			:		↓		\	<u> </u>			\		
		-		EOB @ 4' bgs		L		EOB @ 4' bgs - Backfill with Bentonite cl	nips (4'-1') and topsoil (1'-)')			
				-		L				- . . -			_
						┡						<u>.</u>	
				_	<u>. </u>	┡							
						┡						<u>.</u>	
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						L							
				<u> </u>									
TYPE OF C	DRILLING P	iG.	GEOPROBE 4x4	muie					<u></u>			T-4 1	NUO '
F		ING BORIN		111410		,						Tetra Tech	NUS, Inc.
F	OF SOIL SA		MACRO-CORE OF	en tube conti	nunus samnie	es to 4	feet in	2 foot intervals	Note:	ntantial cal			
	OF ROCK C		N/A	CIT TODE COILLI	iaoas sample		ACL III	- TOOL INTO FOLIO	PACM = P	otential ast ontaining m	esios aterial		t
GROUNDY	VATER LEV	ELS:											
OTHER OF	SERVATIO	NS:	Phase I FID= C	PID= C	F	lag n	umber	714 Former Landfill area - Mini g	olf course BORING N	D.: 407 .		PAGE:	1 OF 1

	PROJECT LOGGED	BY: BY (Comp	any/Driller): EVATION:	Raymark OU9 Rl/ N1369 J. Lambert Aquifer Drilling &		агго		BORING N START DA TRANSCRIBED BY: RAC COMPLET MON. WE ELEVATION FROM: CHECKED	TE: ION: DATE: .L NO.:	407A 1/26/04 1/26/04 N/A JD		
	DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION	USCS or ROCK BRKN	REMARKS (moisture cond odors; geolog classification; u weathering; e	ition; ical rock	FIELD SCREENING DATA METHOD = [FID, (PPM)]
			1.6' 2.0'	SBP-SO-407A-0002 Full suite less dioxin and SPLP 1/26/04 @ 1400				See Boring Log Number 407 for soil profile descriptions from 0 to 4 below grass/root plus		Grass/root plus = approximately 3" Dry No visible PACM Geomembrane at		FID = 2.4 PID = 0.0 FID = 5.6 PID = 0.0
ives	2		1' / 2'	SBP-SO-407A-0204 Full suite less dioxin and SPLP 1/26/04 @ 1430						Poor recovery No visible PACM/ Damp	/waste	FID = 19 PID = 0.0 FID = 266 PID = 0.0
2 sleeves	4		1.5'	SBP-SO-407A-0406 Full suite less dioxin	_	Dense	Brown	Silty SAND. Fine medium sand, poorly graded, plastic, metal, tile, seashells, glass, fabric	SM/Fill	Wet at 4'	/waste:	FID = 9.6 PID = 0.0
			2'	and SPLP 1/26/04 @ 1500		Loose	Dark Brown	SAND, trace silt, trace gravel. Fine-medium sand, poorly graded, f gravel to ½" subrounded, organic, twigs, reeds, roots	ne SP/Fill	wet at 5'		FID = 0.0 FID = 174 PID = 0.0 FID = 289 PID = 0.0
\	6		/		EOB @ 6' bgs			EOB @ 6' bgs – Backfill with Bentonite chips (6'-1') and topsoil (1'-	(1)		-	
	TYPE OF DRILLING RIG: METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: GROUNDWATER LEVELS: OTHER OBSERVATIONS: GEOPROBE - LT 54 DIRECT- PUSH TECHNIQUE MACRO-CORE Open tube continuous sam N/A Approximately 5.5' bgs reported by driller Phase II Flag Number 714 Former Lan					oy driller		Full Suite = SVC meta PCB	al Cs, Pesticides/F ls, dioxin, SPLP s, asbestos, and	PCBs, Pmetals and	T	NUS, Inc.

BURING L			Raymark OU9 RI/	FS			BORING NO.:		408	
PROJECT			N1369				START DATE	:	12/12/03	
LOGGED			J. Lambert				TRANSCRIBED BY: DH COMPLETION	N: DATE:	12/12/03	
		any/Driller):	Aquifer Drilling &	Testing/ S.P	ryzbylski		MON. WELL I		N/A	
GRD. SUF	RFACE ELI	EVATION:					ELEVATION FROM: CHECKED BY	' :	JD	
	BLOWS	SAMP	SAMPLING					1		
DEPTH	PER	REC.	TIME	DEPTH MAT'L	SOIL DENSITY/			USCS	REMARKS	FIELD
(FEET)	6"	1	&	CHG./	CONSIS.		MATERIAL CLASSIFICATION	or	(moisture condition;	SCREENING
		SAMP	SAMPLE NO.	WELL	or ROCK	CLR	CLASSIFICATION	ROCK	odors; geological classification; rock	DATA
0	N/A	LENG.	(QA/QC STATUS)	PROF'L	HARD.			BRKN	weathering; etc.)	METHOD = [FID, (PPM)]
			SBP-SO-408-0002		Slightly	Brown	0' - 0.2' - SILT, some organics (roots etc.) some fine sand, trace glass	ML/Fill	Moist	PID=0.0
		1.2'			Dense			1		FID=0.0
		2.0'	Screening	1	1	Red-	0.2' - 0.7' - Fine-medium SAND, trace coarse sand, trace silt	SP		110-0.0
1			12/12/03 @ 1210			Brown	The same of the sa	"	Wet	
			<u> </u>	1		Gray	0.7' - 0.9' - Fine-medium SAND	+		
						l	0.7 - 0.9 - Fille-filledidiff SAND		Geotech liner at	
				1	<u> </u>				Approximately 1.5'	
				1		1 1				
2							0.9' - 1.2' - Cobble			
			SBP-SO-408-0204				0' - 0.3' - Cobble		Dry	PID=0.0
		1.1'	Screening						1	FID=0.8
		2.0'	Ociocining			, ,				
3			12/12/03 @ 1215			Black	0.3' - 1.1' - Fine-coarse SAND and charcoal -probable burn layer	SW/Fill		
		• • • • • • • • • • • • • • • • • • • •	* * * * * * * * * * * * * * * * * * * *	1 /					Slight odor	
1								1 1	Slight oddi	
								 		
4					↓		1	♦	♦	
				EOB @			- <u> </u>		<u>. </u>	
				4' bgs						
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					<u> </u>					
TYPE OF D	DELLING D	ic.	GEOPROBE Trac	k mounted //	Pia 1\				·	
		iig. Cing Borin		m- mounted (I	ixig I)				Tetra Tech	NUS, Inc.
METHOD			MACRO-CORE Op	en tube conti	nuoue eamolos	to 4 feet in	2 foot intervals			
METHOD			N/A	CO LUDE CORE	naous samples	IO 4 ICCI III	Z IOOL IRGIYAIS			-
GROUNDY			TWE						[= [Le j
OTHER OF			Phase I FID=A	PID=A	Flag numb	or 732	Former Landfill area –Area around Mini golf course BORING NO			
I OTHER VE	シウニハマハコル	/ITU.	(11035 11 112 7	r ID-A	r ray mullip	GI 132	TOURS LADOUR AICH SAICH BIOURD MINI CON COURSE TRORING NO	ACIS	DACE: 4	^- 4

	NO.: BY:	any/Driller): EVATION:	Raymark OU9 RI/ N1369 J. Lambert AQUIFER DRILLI		NG/ S.Pryzbyl	ski	## BORING NO. START DATE TRANSCRIBED BY: DH	:: N: Date: No.:	409 12/12/03 12/12/03 N/A JD	
DEPTH	BLOWS PER	SAMP REC.	SAMPLING TIME	DEPTH MAT'L	SOIL DENSITY/		MATERIAL.	USCS	REMARKS (moisture condition;	FIELD SCREENING
(FEET) 0	6" N/A	SAMP LENG.	& SAMPLE NO. (QA/QC STATUS)	CHG./ WELL PROF'L	CONSIS. or ROCK HARD.	CLR	CLASSIFICATION Top 0.2' – topsoil (grass, roots)	OF ROCK BRKN	odors; geological classification; rock weathering; etc.)	DATA METHOD = [FID, (PPM)]
		1.7'	SBP-SO-409-0002 Screening		Slightly Dense	Brown	0' - 0.5' - Fine sandy SILT	OL	Moist	PID=0.0 FID=133.0
1		2.0'	12/12/03 @ 1230			Red Brown	0.5' - 0.8' - Fine-medium SAND, some gravel, trace coarse sand	SP	Wet	
							0.8' - 1.2' - Sitty fine sand, trace gravel	SM	Moist	
2						Dark Gray	1.2' - 1.7' - Silty fine SAND, trace gravel, trace coarse sand		Geotech liner at Approximately 2'	
		1,4'	SBP-SO-409-0204 Screening				0' - 1.3' - Fine- coarse SAND	sw	Moist	PID=0.0 FID=0.0
3		2.0'	12/12/03 @ 1235							
							<u> </u>	\ \		
4					₩	<u> </u>	1.3' - 1.4' - Fine sandy SiLT	SM		
				EOB @ 4' bgs			·			
	-									
,										(
METHOD (METHOD (METHOD) GROUND(OF SOIL SA OF ROCK O VATER LEV	CING BORING MPLING: ORING: /ELS:	MACRO-CORE Op N/A	en tube contir	nuous samples				Tetra Tech	NUS, Inc.
OTHER O	BSERVATIO	NS:	Phase I FID= A	PID= A	Flag number 1	733 Fo	rmer Landfill area -Field surrounding Mini golf course BORING NO:	409	DACE	OE 4

PROJECT	NO.:		N1369				_		START DATE:			12/12	/03			
LOGGED	BY:		K. Jalkut				_	TRANSCRIBED BY: RAC	COMPLETION:	DATE	Ξ:	12/12	/03			
DRILLED	BY (Compa	any/Driller):	Aquifer Drilling &	Testing/S. F	rzybylski		_		MON. WELL NO	D.:		N/A				_
GRD. SUF	RFACE ELI	EVATION:					_	ELEVATION FROM:	CHECKED BY:			JL				
	,	,			,				***************************************	, seeman						_
	BLOWS	SAMP	SAMPLING	DEPTH	SOIL	1				US	CC	R	EMARKS	T FI	ELD	
DEPTH	PER	REC.	TIME &	MAT'L	DENSITY/			MATERIAL		03			ture condition;	SCRE	ENI	NG
(FEET)	6"	/ SAMP	SAMPLE NO.	CHG./	CONSIS.	١ .		CLASSIFICATION		RO			s; geological		ATA	
٥	ΝA	LENG.	(QA/QC STATUS)	WELL PROF'L	or ROCK HARD.	0	LR	Cross Surface Mini golf area		BR			ification; rock		HOD	
	14/1		SBP-SO-410-0002	PROFL		Bed	Brown	Grass Surface – Mini golf area		-	45711		thering; etc.)	[FID,		
		. ,	SBP-SU-410-0002	1 1	Dense	Red	BIOWII	SAND, some silt, trace gravel (fine coarse sand, well coarse subrounded gravel (possible trap rock, quartz,	graded, 1 piece fine	SM	/FIII	Grass/ro approxim		FID		ID
		2'	Screening				 					approxim	iately 3	0.0	0	0.0
		/ 2°		1 1	Loose	1		SAND, trace silt, trace gravel (fine-medium sand, mos	tly fine gravel	SP/	/Fill	Dry		0.0	١,	
1			12/12/03 @ 1230			1	1	subrounded to 1/2")		l i		•		0.0	"	0.0
				1 1								Damp			1	
					♦		1	∀		١ ٦	,	•		0.0	0	0.0
·· ···		i			Dense	_	1	SAND, some silt (fine-medium sand mostly, poorly gra	nded)	SM	/Gill			-	+	
2				1 1	I Delige			Grand, some sit (intermediatit saila mostly, poorly gre	iucu)	Civi		Compac	ted soil	0.0	0.	0.0
				-		-	+					_		<u> </u>	ļ	
			SBP-SO-410-0204	1 1	▼	Ι.	\perp	Silty SAND, trace gravel (fine-medium sand, poorly gra	aded)	'	7	Damp	J (#:)	0.0	0.	0.0
		2'	Screening	1 1	Loose		<u> </u>	SILT, some fine sand (poorly graded)		ML	Fill	Saturate	a (Tines)	0.0	0.	0.0
		/ 2'	, cordoning	1 (Dense	BI	lack	SAND, some silt (mostly fine-medium sand, poorly gra	ided), plastic pieces	SM	/Fill	Dry		1		
3		'	12/12/03 @ 1240		B 1 B		1			lι		, 1		0.0	0.	0.0
				1				- organic matter (reeds/roots)						1	\top	1
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		l				-	1							-	╂	├
4				1		1	₩			1	,	\downarrow		1 ⊥	ا ا	L
-				500.0	 	-	·		 	<u> </u>		· ·		▼		<u>_</u>
				EOB @ 4' bgs	1	1				l						
		İ		4 Dgs				EOB @ 4' bgs - Backfill with bentonite chips (4'-1') ar	id topsoil (1'-0')					1		
				1		l					1			-		
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TYPE OF	DRILLING F	RIG:	GEOPROBE – 4 X	4 Mule					·				Tetra Tech	MHS	Inc	
		CING BORIN							_				1000 1000	1100,	IIIG.	
	OF SOIL SA		MACRO-CORE Or	en tube con	tinuous sample	es to 4	' in 2' ir	tervals	_				(•)		
	OF ROCK		N/A						-							
1.	WATER LE								-							
1	BSERVATI		Phase I Flag Nu	mber 716	Mini Golf Co	ourse /	Area		BORING NO.: 4	10			PAGE:	OF		1
O I I I I			· · · · · · · · · · · · · · · · · · ·						1 = 0 110 1							

410

Raymark OU9 RI/FS

BORING LOG FOR:

BÖRING L PROJECT LOGGED DRILLED GRD, SUF	NO.: BY: BY (Compa	ny/Driller): EVATION:	Raymark OU9 RI/ N1369 J. Lambert Aquifer Drilling &		Ullmann		TRANSCRIBED BY:DH	BORING NO.: START DATE: COMPLETION: DATE: MON. WELL NO.: CHECKED BY:	411 12/15/03 12/15/03 N/A JD
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION	USCS or ROCK BRKN	(moisture condition; odors; geological classification; rock weathering; etc.) FIELD SCREENING DATA METHOD = [FID, (PPM)]
		1.6'	SBP-SO-411-0002 Screening		Slightly Loose	Brown	0' - 0.9' - Sandy (fine sand) SILT	ML	Moist PID=0.0 FID= 0.0
1		,	12/15/03 @ 1445				0.9' - 1.6' - Fine-coarse SAND and GRAVEL	sw	
2			SBP-SO-411-0204	-	Slightly	Red-Brown	0' - 0.4' - Fine-medium SAND, some silt, trace co	arse sand	Wet PID=0.0
3		2.0'	Dup.05 (Screening Duplicate) 12/15/03 @ 1455		Dense Slightly Loose	Black Gray	0.4' - 0.5' - SILT, some fine sand 0.5' - 1.3' - Fine-medium SAND	ML SP	FID=0.0
	,	<i>′</i>	12 10 00 @ 1400	-		+			
4				EOB @	↓	Yellow/Gray	1.3' - 1.5' - Similar to above - color change only	\ \	
				4' bgs					
				-					
,								,	
METHOD (METHOD (GROUND)	OF ADVANC OF SOIL SA	CING BORING MPLING: ORING: /ELS:	GEOPROBE - Trac DIRECT- PUSH MACRO-CORE OP N/A Phase I FID= C		nuous samples	to 4 feet in 2 for	oot intervals Former Landfill area	BORING NO.: 411	Tetra Tech NUS, Inc. PAGE: 1 OF 1

BORING L	OG FOR:		Raymark OU9 RI/	/FS				BORING NO.:		412		
PROJECT	NO.:		N1369					START DATE:		12/15/03		
LOGGED	BY:		K. Jalkut				TRANSCRIBED BY: RAC	COMPLETION:	DATE:	12/15/03		
DRILLED	BY (Compa	ny/Driller):	Aquifer Drilling &	Testing/S. I	Przybylski			MON. WELL NO).:	N/A		
GRD. SUF	RFACE ELE	VATION:					ELEVATION FROM:	CHECKED BY:		JL		
				-				**************************************				
DEPTH	BLOWS	SAMP REC.	SAMPLING TIME	DEPTH	SOIL				USCS	REMARKS		ELD
(FEET)	PER	REG.	1 H41⊏	MAT'L CHG./	DENSITY/ CONSIS.	1	MATERIAL CLASSIFICATION		or	(moisture condition;		ENING
()	6"	SAMP	SAMPLE NO.	WELL	or ROCK	CLR	CLASSIFICATION		ROCK	odors; geological classification; rock		ATA HOD =
0	NA	LENG.	(QA/QC STATUS)	PROF'L	HARD.	02.1	Grass Surface outside ballfield	i	BRKN	weathering; etc.)		(PPM)]
			SBP-SO-412-0002		Dense	Red Brown	SAND, some silt. Fine-medium sand, poorly graded, or	rganic roots	SM/Fill	Grass/root plug =	FID	PID
		1.8'		1		l				approximately 4"	0.0	0.0
<u> </u>			Screening	1						Damp wet surface	0.0	0.0
1		, -	12/15/03 @ 1510		Loose	Tan-Gray	SAND, fine-medium sand, poorly graded, seashells		SP/Fill			
 ` 			12 70.00 (8 .0.0		Loose	Tail-Glay	Street into modulin outles poorly grades, occorrend		Q			
											0.0	0.0
					-	_	Describe Nata Office and add described to the Community of the Community o	th Da Ota	014(5)			
1.							Possible WASTE material, dark brown. Spongy soil wit silty sand	In PACM, possible	SM/Fill	Possible PACM. Long,	0.0	0.0
2				1 (\vdash	\vdash	· · · · · · · · · · · · · · · · · · ·			shiny fibers		ļ
			SBP-SO-412-0204		▼ Dense	♥	SAND. Fine-medium sand, poorly graded, seashells.			Saturated sand	0.0	0.0
	2' Screening					Dark Brown	One inch thick layer of spongy material with fibers - PAC		V	Possible organic fibers or asbestos -		
		/ 2'			Loose	Tan Gray	SAND, trace gravel. Fine-medium sand, poorly graded	, organic fibers,	SP/Fill	Can not tell visually		
3			12/15/03 @ 1515	1 .	<u> </u>		wood chunks, seashells, fine gravel subrounded to ½"					ŀ
	1215/35				Dense	Dark Brown	One inch thick layer of spongy material with fibers (orga	inic and possible		Organic fibers, reeds	0.0	0.0
1						l	PACM)			Some shiny fibers -	0.0	0.0
		•		1 1	Loose	Tan Gray	SAND. Fine-medium sand, poorly graded, seashells, w	ood chunk at		- PACM	167	0.0
4						l	bottom		▼		0.0	0.0
<u> </u>				EOB @	-							
				4' bgs		l	EOB @ 4' bgs - Backfill with bentonite chips (4'-1') and	topsoil (1'-0')				
					-					1		
				1	<u> </u>	-						
i					1	1					1	
				1						1	<u> </u>	
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				-				· · · · · · · · · · · · · · · · · · ·				<u> </u>
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		·		1 1								
					. 1							
-	<u> </u>									1		— —
	·			4						<u> </u>		<u> </u>
TYPE OF	DRILLING F	RIG:	GEOPROBE – 4 X	4 Mule				· Nata		Tetra Tech	NUS, I	nc.
METHOD	OF ADVAN	CING BORIN						Note:			$\overline{}$	
METHOD	OF SOIL SA	AMPLING:	MACRO-CORE O	pen tube cor	ntinuous sam	oles to 4' in 2' i	ntervals	PACM - Possible	asbestos d	containing	⊢l	
METHOD	OF ROCK (CORING:	N/A					material			إسا	
	WATER LE'							1				
OTHER O	BSERVATION	ONS:	Phase I Flag Nu	ımber 544	Outside ba	allfield - betwee	en ballfield and parking lot	BORING NO.: 4	12	PAGE: 1	OF	1

PROJECT LOGGED I DRILLED I GRD. SUF	'NO.: BY: BY (Compa	any/Driller): EVATION:	Raymark OU9 RIJ N1369 J. Lambert Aquifer Drilling &		Ullmann		TRANSCRIBED BY:	BORING NO.: START DATE: COMPLETION: DATE MON. WELL NO.: CHECKED BY:	413 12/15/03 E: 12/15/03 N/A JD	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION Top 0.2' root plug	USG OI ROG BRI	r (moisture common; odors; geological	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		1.4'	SBP-SO-413-0002 Screening		Slightly Loose	Brown	0' - 0.7' - SILT, some fine sand	M		PID=0.0 FID=0.0
1		,	12/15/03 @ 1535				0.7' - 1.4' - Gravelly, fine-coarse SAND	SV	w	
2		1.6'	SBP-SO-413-0204 Screening			Red Brown	0' - 0.4' - Similar material to above 0.4' - 0.7' - Medium- coarse SAND, trace fine sand	i		PID=0.0 FID=0.0
3		2.0'	Confirmation 12/15/03 @ 1540			Brown	0.7' - 1.4' - Sandy (fine sand) SILT	M	L L	
4		•		EOB @		Gray	1.4' - 1.6' - Fine-medium SAND	SI	P	
				4' bgs					-	<u> </u>
		·								
				-					8	
METHOD METHOD METHOD GROUND	OF SOIL SA OF ROCK (WATER LE	CING BORIN MPLING: CORING: VELS:	MACRO-CORE O	pen tube conti	inuous sample:				Tetra Tech	E)
OTHER O	BSERVATION	ONS:	Phase FID= C	PID= C	; Fl	ag number 41	8 Former Landfill area	BORING NO.: 413	PAGE: 1	OF 1

BORING I	OG FOR:		Raymark OU9 RI/	/FS					BORING NO.:			414			
PROJECT	NO.:		N1369	·					START DATE:			12/15/0	3		
LOGGED	BY:		K. Jaikut		-		_	TRANSCRIBED BY: RAC	COMPLETION	DAT	E:	12/15/0			
DRILLED	BY (Compa	ny/Driller):	Aquifer Drilling &	Testing	•		_		MON. WELL N	0.:		N/A	<u></u>		
GRD. SUF	RFACE ELE	VATION:					_	ELEVATION FROM:	CHECKED BY:			JL			
				-			_								
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP	SAMPLING TIME & SAMPLE NO.	MAT'L CHG./ WELL	DENSITY/ CONSIS. or ROCK		CLR	MATERIAL CLASSIFICATION		RC	CS or OCK	(moistu odors;	MARKS re condition; geological cation; rock	SCRE DA	ELD ENING ATA HOD =
0	NΑ	LENG.	(QA/QC STATUS)	PROF'L	HARD.			Grass Surface		BH	KN	weath	ering; etc.)	IFID. ((PPM)]
			SBP-SO-414-0002		Loose (except mat)		own	SAND, trace silt, organic material. Fine-medium sar organic roots, fibrous (organic)	d, poorly graded,	SP /	PT/		aterial below	FID 0.0	PID 0.0
1			Screening 12/15/03 @ 1540				Red	SAND, organics. Fine-medium sand, poorly graded, fibers, brick pieces	seashells, organic	SP	/ Fill	(approximate) Dry	ately 3")	0.0	0.0
							an - Gray	SAND. Fine-medium sand, poorly graded, seashells	<u> </u>			Damp	· · · · · · · · · · · · · · · · · · ·	0.0	0.0
					-		ark Gray	SAND. Fine-medium sand, poorly graded, similar to	above			Damp		0.0	0.0
2				-										0.0	0.0
	1		SBP-SO-414-0204 Screening and		Denser		an - Gray	SAND, trace silt. Fine-medium sand, poorly graded, (fibers), possible PACM	organic material	١,		Saturated		0.0	0.0
3			Confirmation 12/15/03 @ 1545				ark rown	SAND, some silt, compressed soil with fibers (organi PACM with long and shiny fibers)	c and possible	SM	/Fili		anic fibers, ACM (long	0.0	0.0
													anic fibers and		
4					1			•		١,	,				
				EOB @ 4' bgs			Y	EOB @ 4' bgs – Backfill with bentonite chips (4'-1') a	nd topsoil (1'-0')						
							í						 		
									-						
				1											
											è.				-
															
L				Ø.				<u> </u>							L
TYPE OF	DRILLING R	IG:	GEOPROBE – 4 X	4 Mule									Totro To-5	NILIO 1	
		CING BORIN							Note:				Tetra Tech	IVUS, I	ric.
	OF SOIL SA		MACRO-CORE Or	oen tube con	tinuous samoles	to 4	' in 2' i	ntervals						.)	
	OF ROCK C		N/A		pio				— PACM – Possible material		stos co	ontaining			
	WATER LEV								material				<u></u>		

OTHER OBSERVATIONS:

Phase I Flag Number 571

PAGE:

BORING NO.: 414

BORING L	OG FOR:		Raymark OU9 RI/	/FS							BORING NO.:			415		
PROJECT	NO.:		N1369								START DATE:			12/15/0	03	
LOGGED	BY:		J. Lambert					TRANSCF	IBED BY:DH		COMPLETION:	DAT	E:	12/15/0		
		any/Driller):	AQUIFER DRILLI	NG & TEST!	NG/ S.Pryzby	ylski				_	MON. WELL NO		·	N/A		
GRD. SUF	RFACE ELE	EVATION:						ELEVATIO	N FROM:		CHECKED BY:			JD		
				6	1	1	_						_			
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CL	.R		MATERIA CLASSIFICAT			RO	CS or OCK KN	(moistu odors classif	ure con ition; s; geological fication; rock hering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		1.7'	SBP-SO-415-0002		Slightly Loose	Bro	wn	0' - 1.1' - Sar	dy (fine sand) SILT, trace g	ravel		N	1L		romigi etaly	PID=0.0
		2.0'	Screening									-	\neg			FID=0.0
1			12/15/03 @ 1600	-11										L		
								1.1' - 1.7' - Fi	ne-coarse SAND and GRA\	/EL		S	w 			
2						1										
		1.5 /	SBP-SO-415-0204				,	0' - 0.8' - Sim	ilar to above							PID=0.0
		2.0	Screening			Rec						_	Щ			FID=0.0
3		/ 2.0	12/15/03 @ 1605			Brov		0.8' - 1.5' - Fi	ne-coarse SAND, trace grav	vel						
4							,		Ţ							
				EOB @ 4' bgs						-						1
								-				_				
				-	_	-						_				
						-		<u> </u>		<u> </u>		L				
	•															
				l.									,			
	-															-
						\vdash				_			-			-
				<u></u>				<u></u>						l .		
1	DRILLING R		GEOPROBE - Trac	k- mounted (F	Rig 1)										Tetra Tech	NUS. Inc.
		CING BORIN									_					
	OF SOIL SA		MACRO-CORE Op	en tube contir	nuous samples	s to 4 fe	et in	2 foot intervals			_				""	4 -1
	OF ROCK C		N/A							·	_				[■ ;	[م
	NATER LEV		Phase I FID= C	PID= (C 51.	lag num	her	A17	Former Landfill area		DODING 112	4.5				
O LUEK O	BSERVATIO	mo.	rilasei FID=C	- FID= (<u> </u>	ay num	nei	411	Former Landfill area		BORING NO.: 4	15		ŀ	PAGE: 1	1 OF 1

TtNUS Form 0018

BORING L			Raymark OU9 RI N1369	/FS				BORING NO.:		416	_	
LOGGED			J. Lambert				TRANSCRIPED DV. DU	START DATE:		12/15		
		any/Driller):	Aquifer Drilling &	Testing/ Dob	Llimann		TRANSCRIBED BY: DH	COMPLETION:		12/15	/03	
	RFACE ELE		Aquiler Drilling &	Testing/ Non	Omnami		ELEVATION FROM:	MON. WELL N		_N/A		
O(1)	WITCH LLE						ELLVATION FROM.	CHECKED BY:		_JD		
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATER CLASSIFIC		USCS or ROCK BRKN	(mois odoi class wea	ture condition; rs; geological sification; rock thering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		40	SBP-SO-416-0002		Slightly		Top 0.2' - Grass and roots			Moist		PID=0.0
		1.6'	Screening	1	Loose	Brown	0' - 0.7' - SILT, some fine sand		ML			FID=0.0
1		2.0'	12/15/03 @ 1615	_			0.7' - 1.6' - Fine-coarse SAND and G	RAVEL, trace silt	SW/Fill			
							l I			i i	<u> </u>	
										II.		
2				18			↓		1	li l		
			SBP-SO-416-0204				Fine-coarse SAND and GRAVEL, tra-	ce silt, some asphalt pieces				PID=0.0
		0.8'	Screening									FID=0.0
3		2.0'	12/15/03 @ 1620				1					
			12/15/03 @ 1520	-11								
4					*		<u> </u>		. ♦			
				EOB @ 4' bgs								
					_							
					. 1		1					
					<u> </u>					li .		
				1 /							·	
•										11		
									,			
												· · · · · · · · · · · · · · · · · · ·
			<u> </u>	بالما								
1	DRILLING R		GEOPROBE - Tra	ck- mounted (F	Rig 2)						Tetra Tech	NUS, Inc.
		CING BORING		non tubo ocati		to 4 foot in f	2 foot intervals					$\overline{}$
	OF SOIL SA OF ROCK C		MACRO-CORE O	pen tube contir	luous samples	to 4 reet in 2	2 IOOL INTERVAIS					- .
	WATER LEV		11///								(• (L
	BSERVATIO		Phase I FID= C	PID= C	; Flaç	g number	416 Former Landfill area	BORING NO.: 4	16	····	PAGE: 1	OF 1

TtNUS Form 0018

BORING L	ORING LOG FOR: Raymark OU9 RI/FS						BORING I	NO.:	416A	
PROJECT	NO.:		N1369				START D	ATE:	1/30/04	
LOGGED	BY:		J. Lambert				TRANSCRIBED BY: RAC COMPLET	TION: DATE:	1/30/04	
DRILLED I	BY (Compa	any/Driller):	Aquifer Drilling & 7	esting/Rob	Ullmann		MON. WE	LL NO.:	N/A	
GRD. SUF							ELEVATION FROM: CHECKEI	D BY:	JD	
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION	USCS or ROCK BRKN	(moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
			No samples collected from 0' - 4' bgs	111012	TH WEST		Refer to Boring Log Number 416 for soil profile details from 0' – 4'	bgs	wedationing, co.)	(1 10, (1 1 11)]
4			1							
-			SBP-SO-416A-0406		Slightly	Dark Red	0' - 0.6' - Medium coarse SAND, geotextile at bottom of layer	SP	Moist	PID = 0,3
		1.3'	3BF-3U-410A-0400		Dense	Brown	0.6' – 0.8' – Sitty fine SAND, cobble fragment (subrounded)	SM	Geotextile at 0.6'	FID = 0.0
			Screening			Black	0.8' – 1.0' – Silty fine SAND, PACM (fibers)	- 1	-	FID = 0.0
5		2.0'	1/30/04 @ 0850			Dark Gray	1.0' – 1.3' – Siny line SAND, FACIN (libers)	\$P		
6										
			SBP-SO-416A-0608	1/ /		 	0' - 0.3' - Similar material to above			PID = 0.1
		1.4'			II .	Black	0.3' - 0.4' - Fine-coarse SAND, some charcoal fragments	SW/Fill		FID = 0.6
		2.0	Screening				0.4' - 1.0' - Fine-coarse SAND, some glass, trace silt		1	
7		/ 2.0	1/30/04 @ 0900				1.0' – 1.1' – Micaceous fragments		♦	li .
<u> </u>			1100104 @ 0000				1.1' – 1.3' – Silty fine SAND	SM/Fill	Wet	
							1,3' – 1.4' - Silty fine SAND and metal fragments	John	AACI	
						-	1.0 7.7 Only line of the data media agriculture		1	<u> </u>
8					1					1
<u> </u>		· · · · · · · · · · · · · · · · · · ·	SBP-SO-416A-0810			Brown	0' - 0.4' - Silty fine-coarse SAND, some gravel		Moist	DID = 0.4
		0.8'	SBP-SU-410A-0010			DIOWII	0 - 0.4 - Sitty line-coarse SAND, southe graver	↓	Moist	PID = 3.4 FID = 8.5
		_	Screening			Black	0.4' – 0.5' - Fine-coarse SAND, trace charcoal fragments	SW/Fill	1	FID = 8,5
		2.0	1/30/04 @ 0930			Piack	0,4 - 0.5 - Fine-coarse SAND, flace charcoar flagments	SVV/FIII		l
9			1/30/04 @ 0930	-		1	0.5' - 0.6' - Fine-coarse SAND and GRAVEL			-
					<u> </u>		0.5 - 0.0 - Fille-coalse SAND allu GRAVEL	<u> </u>		
10						↓ _	0.6' - 0.8' - Fine-medium SAND, trace silt	SP,		
			SBP-SO-416A-1012	1	Slightly	Dark	Silty fine-medium SAND	SM	Wet	PID = 0.0
		0.5'			Loose	Brown	·	- 1		FID = 0.0
		2.0'	Screening	FOD &			1			112 0.0
12		/ 2.0	1/30/04 @ 0940	EOB @ 12' bgs	L I	1				
	L	L				<u> </u>	<u></u>			<u> </u>
TYPE OF	DRILLING F	RIG:	GEOPROBE - Tra	ck- mounted ((Rig 2)		Notes:		Tetra Tecl	NUS, Inc.
1		CING BORIN						ID failed afternoor		
1	OF SOIL S		MACRO-CORE O	en tube cont	inuous sample	s to 4' in 2' in	tervals Phase II screeni	ing = Asbestos an ial asbestos conta	d Metals	! — i
	OF ROCK		N/A				PACIN = Potent materia	iai aspesios conta al	mining	L
	INDWATER LEVELS: Approximately 11.5' bgs									
OTHER O	BSERVATI	ON\$:	Phase II - PID/FID	≃ U Old Flag	Number 416	- rormer Lan	dfill Area, area between soccer field and mini golf course BC	DRING NO.: 41	6A PAGE:	1 OF 1

BORING L	OG FOR:		Raymark OU9 RI/	FS				BORING NO.:		417		
PROJECT	NO.:		N1369					START DATE:		12/16/	03	
LOGGED	BY:		K. Jalkut		•••		TRANSCRIBED BY: DH	COMPLETION:	DATE:	12/16/		
		any/Driller):	Aquifer Drilling &	Testing/ S. P	rvzbylski			MON. WELL NO		N/A		
	RFACE ELE	•		<u> </u>	 		ELEVATION FROM:	CHECKED BY:		JL		
								011201125 511				
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP	SAMPLING TIME & SAMPLE NO.	DEPTH MAT'L CHG./ WELL	DENSITY/ CONSIS. or ROCK	CLR	MATERIAL CLASSIFICATION		USCS or ROCK	(moist	EMARKS ture condition; s; geological	FIELD SCREENING DATA
0	N/A	LENG.	(QA/QC STATUS)	PROF'L	HARD.		Grass surface between ballfield and parking lot		BRKN	weat	ification; rock thering; etc.)	METHOD = [FID, (PPM)]
		2.0'	SBP-SO-417-0002		Loose	Brown	Silty fine-medium SAND- poorly graded, organics (ro	ots)	SM/Fill	Saturate water at	d- standing surface	FID=0.0 PID=0.0
		2.0'	Screening		*						•	FID=0.0
1			12/16/03 @ 0815		Denser					Damp or	nly	PID=0.0
					Loose	Tan/Gray	SAND- fine-medium sand, poorly graded, seashells		SP/Fill	Damp or	nly	FID=8.8 PID=0.0
2					Dense	Dark Brown	SAND-some gravel, trace silt, fine-medium sand mos sand, poorly graded, fine-coarse gravel subrounded	stly, trace coarse -1/2" -1 1/2"				FID=137 PID=0.0
		1.6' /	SBP-SO-417-0204	1			SAND – some gravel					FID≃90.7
		2.0°	Screening				Fine-medium SAND mostly, some coarse sand, fine-	coarse		Damp		PID=0.0 FID=176
3			12/16/03 @ 0820				subrounded gravel ½"-1 ½", organic material					PID=0.0
4					•] ↓		FID=32.5 PID=0.0
				EOB @ 4' bgs			Backfill with bentonite chips (4' - 1') and topsoil (1'- 0)')				
										1		
				1				.,		 		
-										}		
					ļ	<u> </u>						<u> </u>
1					<u></u>							
									\$			
											-	
							<u> </u>		l			
TYPE OF	DRILLING F	RIG:	GEOPROBE – 4x4	mule							Tetra Tech	NUS Inc
METHOD	OF ADVAN	CING BORIN	G: DIRECT- PUSH					-			7500	
METHOD	OF SOIL SA	MPLING:	MACRO-CORE OF	en tube conti	nuous samples	to 4 feet in 2	2 foot intervals	_			(.
METHOD	OF ROCK (ORING:	N/A					_		ĺ		G
GROUND	WATER LE	/ELS:										
OTHER O	BSERVATION	ONS:	Phase I Flag	number 594				BORING NO.: 4	17		PAGE:	1 OF 1

	OG FOR:			ymark OU9 RI/	FS						BORING NO.:		417A		
PROJECT				369							START DATE:		1/29/0		
LOGGED				Lambert				TRANS	SCRIBED BY:	DH	COMPLETION		_1/29/0	4	
		any/Driller):	_Aq	uifer Drilling &	Testing/ Rob	Ullmann					MON. WELL N		N/A		
GRD. SUF	RFACE ELI	EVATION:						ELEVA	TION FROM:		CHECKED BY	:	JD		
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP	SA	AMPLING TIME & MPLE NO.	DEPTH MAT'L CHG./ WELL	SOIL DENSIT CONSIS or ROC	Y/ S.			MATERIAL CLASSIFICATION		USCS or ROCK	(moist	EMARKS ture condition; s; geological ification; rock	FIELD SCREENING DATA METHOD =
0	N/A	LENG.	(QA/	QC STATUS)	PROF'L	HARD						BRKN	weat	thering; etc.)	[FID, (PPM)]
1				nples collected - 4' bgs	-			Refer to	Boring Log Nu	mber 417 for soil profile d	details from 0-4'				
2															
3															
4				\								·	_		
		1.6'		O-417A-0406 ing and		Slightly Loose	I		- Fine SAND			SP	Moist		PID=0.0 FID=24.0
5		/ 2.0		@ 1550			Gray		6' - WOOD, son	e tine sand		Fill SP			
							- I I	0.0 7.1	1			35			
6			SBP-S0	O-417A-0608				0' - 0.2'	▼ - Similar to abo	ve					PID=0.0
,		0.5'	Screeni	ing		<u> </u>	Dark	0.2' - 0.8	5' - Silty fine-me	dium SAND		SM	-		F1D=0.0
7			1/29/04	@ 1620			Gray				<u> </u>	*	 		
					EOB @			_		*					
8					8' bgs	♦	_ ₩		\			+	<u>_</u>		
TYPE OF	DRILLING F	RIG:	GE	OPROBE – Trac	k- mounted (Rig 2)								Tetra Tec	h NUS, Inc.
METHOD	OF ADVAN	CING BORIN		RECT- PUSH							Note:				
1	OF SOIL SA			CRO-CORE Op	en tube conti	nuous sam	ples to 4 feet in	2 foot interv	/als		Phase II Screening	g = Asbesi	tos and	[3 _)
	OF ROCK O		<u>N//</u>									Metals			G)
GROUND	WATER LEV	/ELS:	_Ap	proximately 7' bo	js										

Former Landfill area - baseball field area

OTHER OBSERVATIONS:

Phase II FID= B

PID= B

Old Flag number 594

PAGE:

BORING NO.: 417A

PROJECT LOGGED DRILLED	BY:	any/Driller): EVATION:	Raymark OU9 RI/ N1369 J. Lambert Aquifer Drilling &	Testing/ Rob	Ullmann & Scott Pryzby	ylskî	BORING NO START DATE TRANSCRIBED BY: DH COMPLETIC MON. WELL ELEVATION FROM: CHECKED B	E: N: DATE: NO.:	418 12/16/03 12/16/03 N/A JD	
DEPTH (FEET) 0	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS) SBP-SO-418-0002 Screening 12/16/03 @ 0845	DEPTH MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD. Slightly Loose Loose	CLR Brown Black Brown Tan Dark	MATERIAL CLASSIFICATION 0' - 0.4' - Topsoil; grass/roots in top 0.2' fine sandy SILT, some organics 0.4' - 0.5' - Fine-coarse SAND, some charcoal- burn layer 0.5' - 0.8' - Fine-coarse SAND and SILT' 0.8' - 1.4' - Fine-medium SAND, some gravel 1.4' - 1.9' - Fine-coarse SAND, some gravel, trace silt, wood fragments	USCS or ROCK BRKN ML SW/Fill SM SP SW/Fill	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)] PID=0.8 FID=0.0
3		1.4' 2.0'	SBP-SO-418-0204 Screening and Confirmation 12/16/03 @ 0850		Loose	Brown Brown Light Brown	0' - 0.2' - Similar to above 0.2' - 1.1' - Fine-coarse SAND, some gravel, trace silt, also glass, metal fragments 1.1' - 1.4' - SILT, some fine-coarse sand			PID=0.0 FID=1.0
4				EOB @ 4' bgs	-					
TYPE OF	DRILLING R	NG:	GEOPROBE 4x4	mule (rig 1_r	ecorded in ris (2 log)		8		
METHOD (METHOD (METHOD (GROUND)		CING BORING MPLING: ORING: VELS:			nuous samples			418	Tetra Tech	NUS, Inc. OF 1

BORING L PROJECT LOGGED DRILLED GRD. SUF	'NO.: BY: BY (Compa	any/Driller): EVATION:	Raymark OU9 R N1369 K. Jalkut Aquifer Drilling 8		. Przybylski	ì	TRANSCRIBED BY: RAC ELEVATION FROM:	BORING NO.: START DATE: COMPLETION: DA MON. WELL NO.: CHECKED BY:			419 12/16 12/16 N/A JL			
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	DENSITY CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION Ballfield - outfield	AND THE PARTY OF T		r CK	(mois odo clas:	sture condition; ors; geological sification; rock athering; etc.)	SCRE DA META	ELD ENING ATA HOD = (PPM)]
1		2' 2'	SBP-SO-419-0002 Screening 12/16/03 @ 0845		Loose	Brown Tan Gray	SAND, some silt. Fine-medium sand, poorly graded, organic SAND. Fine-medium sand, poorly graded, seashells	roots	SM	/Fill /Fill	approxi	roof plug - imately 2" ted – surface is	0.0 0.0	9ID 0.0 0.0
	- III										Damp	only	0.0	0.0
2		1.9'	SBP-SO-419-0204 Screening		Dense	Dark	Similar material to above with wood chunk SAND, some silt, some gravel. Fine-medium sand mostly, t		SM	7	Saturat	ed sand	0.0	0.0
3		/ 2	12/16/03 @ 0850	_	Delise	Brown	fine and coarse subrounded gravel ½" – 1", organic roots, ro	ots, glass	SIM	/FMI	Damp o	only	0.0	0.0
4				EOB @	—	-				,	-		32.3	0.0
				4' bgs			EOB @ 4' bgs - Backfill with bentonite chips (4'-1') and tops	oil (1'-0')						
										_			-	
,														
									,					
METHOD METHOD GROUND		CING BORIN AMPLING: CORING: VELS:	MACRO-CORE C	Open tube co	ontinuous sa		in 2' intervals	PODING NO				Tetra Tech	t	
OTHER O	POELVALIE	/11J.	FHASE I FIAU N	unioet 47	o Dainielu	- Outlield		BORING NO.: 419	1			PAGE: '	1 OF	1

BORING LOG FOR: PROJECT NO.: LOGGED BY: DRILLED BY (Company/D GRD. SURFACE ELEVAT	•	Raymark OU9 RI/I N1369 J. Lambert AQUIFER DRILLIN		NG/ Rob & S. Pryzby	/lski	TRANSCRIBED BY:DH	BORING NO.: START DATE: COMPLETION MON. WELL N CHECKED BY:	O.:	420 12/16/03 12/16/03 N/A JD	
DEPTH PER R (FEET) 6" S		SAMPLING TIME & SAMPLE NO. (QA/QC STATUS) 3P-SO-420-0002	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD. Slightly	CLR	MATERIAL CLASSIFICATION 0' - 0.4' - Top soil- grass, roots, SILT, some fine sand	d	USCS or ROCK BRKN	(moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
1.9'	/2.0' Sc	reening 1/16/03 @ 0910		Loose	Gray	0.4' - 1.9' - Fine-medium SAND		SP	Moist	PID=0.0 FID=0.0
2	SE	3P-SO-420-0204				0' - 0.2' - Similar to above			Wet	PID=0.0
3 1.8'	/2.0 Sc	reening /16/03 @ 0915		Slightly Dense	Black	0.2' - 0.9' - Sandy (fine-coarse sand) SILT, some ch burn layer 0.9' - 1.8' - Fine-coarse SAND, some silt, cinder/char		ML/Fill		FID=185.6
4					Brown	The codes of the sair, differential	icoai iraginenis	SW/Fill	Wet	
			EOB @ 4' bgs							
	i									
								\		
TYPE OF DRILLING RIG:		GEOPROBE 4x4 r	nule (rig 1- in	rig 2 logbook)				<u>L</u> ,	Tetra Tech	NUS. Inc.
METHOD OF ADVANCING METHOD OF SOIL SAMPLI METHOD OF ROCK CORIN GROUNDWATER LEVELS: OTHER OBSERVATIONS:	ING: IG:	MACRO-CORE Ope N/A Phase I FID= B	en tube contin		to 4 feet in		BORING NO.: 4	120	T	E

PROJECT LOGGED DRILLED I GRD. SUF	NO.: BY:		N1369 K. Jalkut Aquifer Drilling &		Przybylski		TRANSCRIBED BY: RAC ELEVATION FROM:	BORING NO.: START DATE: COMPLETION: MON. WELL NO CHECKED BY:	D.:	12/16/03 12/16/03 N/A JL			
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION Grass surface – baseball outfield		USCS or ROCK BRKN	REMA (moisture odors; ge classificat weatheri	condition; eological tion: rock	FIE SCREE DA METH	ENING TA HOD =
		1.7' 2'	SBP-SO-421-0002 Screening		Dense	Red Brown	Silty fine-medium SAND, poorly graded, organic roots		SM/Fill	Grass/root pi approximately Wet at surface	lug - y 3"	FID 0.0	PID 0.0
1			12/16/03 @ 0900		Loose	Tan-Gray	SAND. Fine-medium sand, poorly graded		SP/Fill	Damp only. I seashells obs		0.0	0.0
2		2' / 2'	SBP-SO-421-0204 Screening	-						Damp only			—
3			12/16/03 @ 0850	-	Denser	Dark Gray	SAND. Fine-medium sand, poorly graded, organic root SAND, some silt, organics. Fine-medium sand, poorly		SM/Fill	Damp only		0.0	0.0
4				EOB @ 4' bgs			material- roots, reeds EOB @ 4' bgs – Backfill with bentonite chips (4'-1') and	1 topsoil (1'-0')		Wet		0.0	0.0
,				-					\$				
METHOD (METHOD (METHOD (GROUND)	DRILLING F OF ADVANG OF SOIL SA OF ROCK O WATER LEV BSERVATIO	CING BORIN MPLING: ORING: /ELS:	GEOPROBE – 4 X G: DIRECT- PUSH MACRO-CORE OF N/A Phase I Flag Nu	pen tube cor			ntervals	BORING NO.: 4	21		Tetra Tech	E	nc.

	NO.:		Raymark OU9 R N1369 J. Lambert AQUIFER DRILI	LING & TESTI	NG/ Rob & Scott Pryzby	/lski	TRANSCRIBED BY:DH	BORING NO.: START DATE: COMPLETION MON. WELL N CHECKED BY	: DATE: IO.:	422 12/16/03 12/16/03 N/A JD	
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION		USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD =
		1.6'	SBP-SO-422-0002 Screening		Slightly Loose	Brown	0' - 0.5' - Fine-medium SAND, and SILT, grass/r	·	SM	weathering, etc.)	[FID, (PPM)] PID=0.0 FID=0.0
1		2.0'	12/16/03 @ 0940	1	Dense	Red- Brown	0.5' - 0.6' - Material similar to baseball diamond / to very dense, almost solid	ennis courts (clay),	Fill		
					Slightly Loose	Tan	0.6' - 1.2' - Fine-medium SAND 1.2' - 1.6' - Silty, fine-coarse SAND, trace glass fra	gments	SP SM/Fill		
2		1.8'	SBP-SO-422-0204	1		Brown	0' - 0.8' - Similar material to above 0.8' - 1.4' - Fine-coarse SAND, some silt		sw		PID=0.0 FID=0.0
3		2.0'	Screening 12/16/03 @ 0945	4		Black	1.4' - 1.8' - Silty, fine-coarse SAND, some glass fra wood, charcoal- possible burn layer, an fabric with tiny fibers when broken oper	id brick, PACM,	SM/Fill		115-0.0
								<u>.</u>			
4				EOB @ 4' bgs		Y					
				-							
									Н		
,				1							
				-							
		:									
METHOD (METHOD (METHOD (OF SOIL SAI OF ROCK C	ING BORING MPLING: ORING:	GEOPROBE – 4x G: DIRECT- PUSH MACRO-CORE C		nuous samples	to 4 feet in 2	2 foot intervals	Note: PACM = Potentia	ully asbestos ng material	Tetra Tech	NUS, Inc.
	VATER LEV SSERVATIO		Phase I FID=B	PID=B	Flag	number 5	16 Former Landfill area – Baseball Field	BORING NO.:	422	PAGE	

PROJECT	NO.:		N1369					START DATE:		12/16/03	,		
LOGGED	BY:		K. Jalkut				TRANSCRIBED BY: RAC	COMPLETION	DATE:	12/16/03			
DRILLED	BY (Compa	any/Driller):	Aquifer Drilling &	Testing/S. I	Przybylski	 		MON. WELL N		N/A			
	RFACE ELE						ELEVATION FROM:	CHECKED BY:		JL			
							\$ 10000000 1000000000000000000000000000						
	BLOWS	SAMP	SAMPLING	DEPTH	SOIL				11000	REM	ARK\$	FIE	ELD
DEPTH	PER	REC.	TIME &	MAT'L	DENSITY/		MATERIA		USCS	(moisture	e condition;		ENING
(FEET)	6"	/ SAMP	SAMPLE NO.	CHG./	CONSIS.	0.5	CLASSIFICAT	FION	ROCK	odors; o	geological		ATA
0	NA	LENG.	(QA/QC STATUS)	WELL PROF'L	or ROCK HARD.	CLR			BRKN		ation; rock		HOD =
<u> </u>			SBP-SO-423-0002	FROFE	Loose	Red Brown	SAND trace sitt. Eine medium meetly tre		ļ		ring; etc.)		(PPM)]
			367-30-423-0002		Loose	Red Blown	SAND, trace silt. Fine-medium mostly, tra poorly graded sand	ace coarse sand, organic roots,	SP/Fill	Grass/root approximate		FID	PID
	<u></u>	1.8'	Screening	1			poony graded saild			approximate	яуз	0.0	0.0
		/ 2'	_				i		1			1	
1			12/16/03 @ 0930			Tan Gray	SAND. Fine-medium sand, poorly graded	i		i			
				1		1				Damp. No	seashells	0.0	0.0
							ļ			viewed			5.5
<u> </u>				1						-			
2					II 0	I. I			ΙL	İ		1	
			655.56.400.0004	-	H + + +								↓
			SBP-SO-423-0204				1			Saturated s	and	5,4	0.0
		2'	Screening	1	Dense	Black	Organic SILT, silt with organic reeds and	roots	OL/Fill	Damp silt			
		/ 2'	,		Loose	Gray	SAND and GRAVEL, fine coarse sand, w		SW-GW	<i>i</i>			
3		·	12/16/03 @ 0935		11 2	li i	subrounded gravel to 1/2" to 1", organic roo	ots	Fill				
				1						Damp sand		77.6	0.0
						li l				- I - I - I - I - I - I - I - I - I - I		1	0.0
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					1 1	↓	1					27.3	0.0
4					<u> </u>	<u> </u>	V		Y				
				EOB @									
	<u></u>			4' bgs			EOB @ 4' bgs - Backfill with bentonite ch	nips (4'-1') and topsoil (1'-0')	İ				i
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TVDE OF	DRILLING F	NG:	GEOPROBE - 4 X	4 Mula						 -			
		dg. CING BORIN		TIVIUID	,			Note:		1	Tetra Tech	NUS, I	nc.
1	OF SOIL SA		MACRO-CORE O	non tube con	tinuoue eem	lee to 4' in C' i	storvale			Ì			
1				heri finne col.	minonz sault	JIES 10 4 BI Z II	IIGIYAIS	———— Refusal at 0'-2' – r		ad 1' and		▄▏	
1	OF ROCK O		N/A					re-drilled 0'-2' and	2'-4'		(•	Lej 💮	
1	WATER LEY												
OTHER O	BSERVATION	ONS:	Phase I Flag Nu	mber 517				BORING NO.: 4	123		PAGE: 1	OF.	1

423

BORING LOG FOR:

Raymark OU9 RI/FS

PROJECT LOGGED DRILLED GRD. SUF	NO.: BY: BY (Compa	any/Driller): EVATION:	Raymark OU9 RI N1369 J. Lambert AQUIFER DRILL	ING & TEST	TING/ Rob tt Pryzbylski		TRANSCRIBED BY:	BORING NO.: START DATE: COMPLETION: MON. WELL N CHECKED BY:	0.:	424 12/16/ 12/16/ N/A JD		
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION		USCS or ROCK BRKN	(moist odor class	ure condition; s; geological fication; rock hering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		1.7'	SBP-SO-424-0002 Screening		Slightly Loose	_	0' - 0.3' - grass/roots and sandy (fine sand)		ML	Wet	, , , , , , , , , , , , , , , , , , ,	PID=0.0 FID=0.0
1		2.0	12/16/03 @ 1000		Slightly Dense Slightly Loose		0.3' - 0.6' - Silty, fine-medium SAND 0.6' - 1.3' - Fine-medium SAND		SM SP	Moist		
					Slightly Dense	Dark Gray	1.3' - 1.7' - Fine SAND and SILT, trace root fibers (n	atural)	SM	Moist	<u></u>	
2												
		1.7'	SBP-SO-424-0204 Screening				Fine sandy SILT, some medium-coarse sand, trace charcoal, glass	gravel, trace	ML/Fill			
3		2.0'	12/16/03 @ 1005									
4					<u> </u>	<u> </u>				[↓ ↓		
				EOB @ 4' bgs								
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						ļ			>			
			•									
	ORILLING F	IG: CING BORIN	GEOPROBE – 4x4	mule (rig 1)							Tetra Tech	NUS, Inc.
METHOD (OF SOIL SA OF ROCK O VATER LEV	MPLING: ORING:	MACRO-CORE O		· · ·	to 4 feet in 2	foot intervals	- - -			T	E
OTHER O	SERVATIO	NS:	Phase I FID= B	PID=	B Fla	number 51	8 Former Landfill area -Baseball Field	BORING NO.: 4	24		PAGE: 1	OF 1

BORING I	LOG FOR:		Raymark OU9 RI	/FS					BORING NO.:		425			
PROJECT	NO.:		N1369						START DATE:		12/16	3/03		
LOGGED	BY:		K. Jalkut					TRANSCRIBED BY: RAC	COMPLETION:	DATE:	12/16	/03		
DRILLED	BY (Compa	any/Driller):	Aquifer Drilling &	Testing/S. I	Przybylski				MON. WELL NO	D.:	N/A			
GRD. SUF	RFACE ELE	EVATION:					_	ELEVATION FROM:	CHECKED BY:		JL			
	<u> </u>	04140	044401410	-	-						0.61			
DEPTH	BLOWS	SAMP REC.	SAMPLING TIME	DEPTH MAT'L	SOIL DENSITY/	1 -		***************************************		USCS		REMARKS		ELD
(FEET)	PER 6"	1	&	CHG./	CONSIS.			MATERIAL CLASSIFICATION		or	(mois	sture condition; rs; geological		ENING
	1	SAMP	SAMPLE NO.	WELL	or ROCK	C	LR	OB IOON ION HOW		ROCK	class	sification; rock		ATA HOD =
0	NA	LENG.	(QA/QC STATUS)	PROF'L	HARD.			Grass surface – outside ballfield		BRKN		thering; etc.)		(PPM)]
			SBP-SO-425-0002	1	Dense	Dark	Brown	SAND, trace silt. Fine-medium sand, trace coarse sand	, poorly graded,	SP/Fill		oot plug	FID	PID
		1.6'	Screening	1				organic roots			approxir	nately 2"	0.0	0.0
		/ 2'	Odiccining		Loose	N	/hite	Quartz pebble – 2"			1			
1			12/16/03 @ 1015								İ			
						Tar	Gray	SAND, fine-medium sand, poorly graded			Poor red	covery	-	
				1			1 !	1			Compre	ssed soil. No	0.0	0.0
											shells vi Damp	ewed	-	\vdash
2	·			1							Damp		i	
			SBP-SO-425-0204	1							Saturate	ed sand	0,0	0.0
			Screening and				1					, a dana	0.0	0.0
			Confirmation						<u>-</u> -		1		 	
3			12/16/03 @ 1020	1			₩	<u>↓</u>						
ļ			-		Darl	k Gray	Similar to above with trace seashells		 	Damp			 	
								SAND, trace silt, fine-medium sand, poorly graded, trace	e organics		Damp		0.0	0.0
							1 -	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	- 0.gamos	 	-		-	
4					▼ Dense	l R	▼ lack	SAND, some silt, organic reeds/roots - spongy material		SM/Fill	Damps	pongy material	1	
<u> </u>				EOB @	Delibo	-	uon	Grand, organic reseas roots - spongy material		Olen I III	 		0,0	0.0
				4' bgs	l l	1.		EOB @ 4' bgs – Backfill with bentonite chips (4'-1') and	tonnoil (4) Oil					1
				_		-	_	EOB @ 4 bgs - Backlin with bentonite chips (4-1) and	topson (1-0)		4		<u> </u>	└ ─
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TYPE OF	DRILLING F	NG:	GEOPROBE – 4 X	4 Mule							-			
		CING BORIN		- INIUIC								Tetra Tech	n NUS, I	nc.
	OF SOIL SA		MACRO-CORE O	pen tube con	finuous samr	sies to	4' in 2' i	ntervals						
	OF ROCK (N/A		varit		· · · · · · · · · · · · · · · · · · ·							
	WATER LE													
1	BSERVATION		Phase I Flag Nu	mber 590	Outside ballfi	eld fen	ce		BORING NO.: 4	25		PAGE:	1 OF	1
													, 01	,

Committee Comm		NO.: BY: BY (Comp	eany/Driller): EVATION:	Raymark OL N1369 J. Lambert AQUIFER D	J9 RI/FS RILLING & TES	TING/ Rob & Scott Pryzi	bylski	TRANSCRIBED BY:	BORING NO.: START DATE: COMPLETION: MON. WELL N CHECKED BY:	0.:	426 12/16/03 12/16/03 N/A JD	
SEP-SO-426-002 Screening 12/16/03 @ 1030 Loose L	(FEET)	PER 6"	REC. / SAMP	TIME & SAMPLE NO. (QA/QC STATUS	MAT'L CHG./ WELL	DENSITY/ CONSIS. or ROCK	CLR			or ROCK	(moisture condit odors; geologic classification; re	cal DATA ock <i>METHOD</i> =
1.8 SBP-SO-428-0204 Sorresing and Confirmation 12/16/03 @ 1035 Sightly Loose 1.8 SP-SO-428-0204 Sorresing and Confirmation 12/16/03 @ 1035 Gray 1.5 - 1.8 - Fine-medium SAND, has fine (<1cm) layers of lighter-darker material- possibly native EOB @ 4 bgs Type of DRILLING RIC: METHOD OF ADVANCING BORING: METHOD OF ADVANCING BORING: METHOD OF ADVANCING BORING: METHOD OF ADVANCING BORING: METHOD OF ADVANCING BORING: METHOD OF COLG SAMPLING: METHOD OF COLG SAMPLING: METHOD OF COLG SAMPLING: METHOD OF COLG SAMPLING: METHOD OF COLG SAMPLING: METHOD OF COLG SAMPLING: METHOD OF COLG SAMPLING: MACRO-CORE Open tube continuous samples to 4 feet in 2 foot intervals NA MACRO-CORE Open tube continuous samples to 4 feet in 2 foot intervals NA MACRO-CORE Open tube continuous samples to 4 feet in 2 foot intervals NA MACRO-CORE Open tube continuous samples to 4 feet in 2 foot intervals NA				-		Loose	Brown	0' - 0.4' - Silty fine-medium SAND, (frozen)	subrounded gravel		(frozen)	PID=0.0 FID=0.0
SBP-SO-426-9204 Screening and Confirmation 12/19/03 @ 1035 Gray 1.5'-1.8'- Fine-medium SAND; seashell layer at 1.0', piece of wood at 1.2' Gray 1.5'-1.8'- Fine-medium SAND; seashell layer at 1.0', piece of wood at 1.2' Gray 1.5'-1.8'- Fine-medium SAND; seashell layer at 1.0', piece of wood at 1.2' Gray 1.5'-1.8'- Fine-medium SAND; seashell layer at 1.0', piece of wood at 1.2' FID=0.	1			12/16/03 @ 1030	\dashv		▼ Tan	0.9' - 1.8' - Fine-medium SAND, trace seashells	·	SP		
1.8° 2.0° Corening and Confirmation 1.2° Screening and Confirmation 1.2° Fine-medium SAND; has fine (<1cm) layers of lighter-darker material- possibly native EOB @ 4' bgs Type of prilling rig. METHOD OF SOIL SAMPLING: METHOD OF SOIL SAMPLING: METHOD OF SOIL SAMPLING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: MACRO-CORE Open tube continuous samples to 4 feet in 2 foot intervals NA	2			SBD SO 426 0204				C. 45! Fire with OAND				
Gray 1.5*-1.8*- Fine-medium SAND, has fine (<1cm) layers of lighter-darker malerial- possibly native EOB @ 4' bgs TYPE OF DRILLING RIG: METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF GOCK CORING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: MA Tetra Toch NUS, In MA Tetra Toch NUS, In MA TOTAL TOCH NUS, In MA TOTAL TOCH NUS TOTAL TOCH				Screening and Confirmation			_	1.2'	piece of wood at		Wet	PID=0.0 FID=0.0
EOB @ 4 bys Type of Drilling Rig: METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: GROUNDWATER LEVELS: MA Tetra Tech NUS, In MACRO-CORE Open tube continuous samples to 4 feet in 2 foot intervals NIA	3			12/16/03 @ 1035	\dashv		Gray	1.5' - 1.8' - Fine-medium SAND; has fine (<1cm) layer material- possibly native	s of lighter-darker			
TYPE OF DRILLING RIG: METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: GROUNDWATER LEVELS: MACRO-CORE Open tube continuous samples to 4 feet in 2 foot intervals N/A Tetra Tech NUS, In MACRO-CORE Open tube continuous samples to 4 feet in 2 foot intervals N/A	4				EOB @		<u> </u>			¥		
TYPE OF DRILLING RIG: METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: MACRO-CORE Open tube continuous samples to 4 feet in 2 foot intervals N/A N/A Tetra Tech NUS, Intervals N/A												
TYPE OF DRILLING RIG: METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: MACRO-CORE Open tube continuous samples to 4 feet in 2 foot intervals N/A N/A Tetra Tech NUS, Intervals N/A												
TYPE OF DRILLING RIG: METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: MACRO-CORE Open tube continuous samples to 4 feet in 2 foot intervals N/A N/A Tetra Tech NUS, Intervals N/A					4							
METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: MACRO-CORE Open tube continuous samples to 4 feet in 2 foot intervals N/A N/A	, [,		
METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: MACRO-CORE Open tube continuous samples to 4 feet in 2 foot intervals N/A N/A												
METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: MACRO-CORE Open tube continuous samples to 4 feet in 2 foot intervals N/A N/A	TYPE OF I	DELLING.	PIC:	CEOPPORE	Ava mula (ria 1							
OTHER OBSERVATIONS: Phase I FID=B PID=B Flag number 569 Former Landfill area – next to parking lot (by baseball fields) BORING NO.: 426 PAGE: 1 OF	METHOD (METHOD (METHOD (GROUNDY	OF ADVAN OF SOIL S OF ROCK VATER LE	ICING BORII AMPLING: CORING: VELS:	MACRO-COR	SH RE Open tube cor	ntinuous sample			BORING NO.: 4	126		TŁ

PROJECT LOGGED DRILLED	BY: BY (Compa	Raymark OU9 Rl. N1369 K. Jaikut Aquifer Drilling &		^o rzybylski			MON. V	DATE: LETION: D WELL NO.		12. N//	2/16/03 2/16/03 A			
GRD. SUF	RFACE ELI	EVATION:						ELEVATION FROM: CHECK	KED BY:		JL			
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLF		MATERIAL CLASSIFICATION Grass surface – outside ballfield fence		USCS or ROCK BRKN	(m ci ci	REMARKS noisture condition; odors; geological lassification; rock weathering; etc.)	SCREI DA METH	ELD ENING ATA HOD = (PPM)]
			SBP-SO-427-0002	1	Loose	Brow	'n	SAND, trace silt. Fine-medium sand, poorly graded, organic roots	1	SP/Fill	Grass	s/root plug –	FID	PID
		1.6'	Screening	1		Tan G	rav	SAND (fine-medium sand, poorly graded, seashells)		+		oximately 2" en surface	0.0	0.0
1		, ,	12/16/03 @ 1040	1		I	lay	(mie-medium sand, poorly graded, seasilens)						
											Dam	p sand	0.0	0.0
2														
			SBP-SO-427-0204	1						\dashv	+-		+	
			Screening	1										
				1									0.0	0.0
3			12/16/03 @ 1045	-		-						<u> </u>		J
	-													
					 				+	_	┥ .		2.0	0.0
4					*			 		₩	'	▼	2.0	0.0
				EOB @ 4' bgs				EOB @ 4' bgs – Backfill with bentonite chips (4'-1') and topsoil (1'	-0')					
						l.					1			
	-			1		-					+		 	
				1										
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TYPE OF	DRILLING F	liG:	GEOPROBE - 4 X	4 Mule								Tetra Tech	MUSI	
		CING BORIN										1000	1100, 11	710.
4	OF SOIL SA OF ROCK O		MACRO-CORE OF	en tube con	tinuous samp	oles to 4' i	n 2' ir	ntervals					⊩ Ì	
1	OF ROCK (WATER LE		PU/A											

OTHER OBSERVATIONS:

Phase I Flag Number 543 Outside ballfield fence

1 OF

PAGE:

BORING NO.: 427

BORING LOG FOR: PROJECT NO.: LOGGED BY:	Raymark OU9 RI/F N1369 J. Lambert	s	TRANSCRIBED BY: RAC	BORING NO.: START DATE: COMPLETION: D	OATE;	12/16/03 12/16/03 N/A JD		
DRILLED BY (Company/Driller): GRD. SURFACE ELEVATION:	Aquifer Drilling & To	esting/R, Ullmann/S, Przybylski	ELEVATION FROM:	MON. WELL NO. CHECKED BY:	:			
DEPTH BLOWS REC. (FEET) 6" /	EPTH PER REC. TIME MAT'L DENSITY/		MATERIAL CLASSIFICATION		USCS or	REMARKS (moisture condition; odors; geological	FIELD SCREENING DATA	

DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION Top 0.2' – Grass/roots	USC: or ROC BRKI	S K N	(moisture condition; odors; geological classification; rock weathering; etc.)	SCREI DA <i>METH</i> [FID, (LD ENING TA OD = PPM)]
		1.7'	SBP-SO-428-0002 Screening		Slightly Loose	Brown Gray Tan	0.2' – 0.4' – Fine sandy SILT, some organics (roots) 0.4' – 0.5' – Coarse GRAVEL piece	ML 	_	floist	FID 0.0	PID 0.0
1		/ 2°	12/16/03 @ 1055				0.5' - 1.4' - Fine coarse SAND, trace silt, trace seashells and					
						Gray	1.4' – 1.7' – Fine-medium SAND	SP	1			
2										↓		
		1.4'	SBP-SO-428-0204		Loose	Gray	Fine-medium SAND, wood fragments at 1.0', 1.3' in macrocom	SP/Fi	II D	Ory 0 - 0.6' Vet 0.6 - 1.4'	0.0	0.0
3		2	Screening 12/16/03 @ 1100						1			
				1					Ť			
							-		1			
4				EOB @	-	•	•		╫			
				4' bgs		-			+		-	
				-	\vdash				╀		-	
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								,				
												,

			1.71
TYPE OF DRILLING RIG:	GEOPROBE – 4 X 4 Mule (rig 1)		Tetra Tech NUS, Inc.
METHOD OF ADVANCING BORING:	DIRECT- PUSH		
METHOD OF SOIL SAMPLING:	MACRO-CORE Open tube continuous samples to 4' in 2' intervals		(
METHOD OF ROCK CORING:	N/A		 T
GROUNDWATER LEVELS:	Water table approximately 2.6' bgs		
OTHER OBSERVATIONS:	Phase I Flag Number 570 Former Landfill Area – Next to parking lot (by baseball fields) PID/FID = B	BORING NO.: 428	PAGE: 1 OF 1

PROJECT LOGGED DRILLED	BY:	any/Driller): EVATION:	Raymark OU9 Rl. N1369 K. Jalkut Aquifer Drilling &		Przybylski		TRANSCRIBED BY: RAC ELEVATION FROM:	MON. WELL N			429 12/16/03 12/16/03 N/A JL	
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION Grass surface – Between ballfields	THE STATE OF THE S	USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	SCRE DA METI	ELD EENING ATA HOD = (PPM)]
		1.8'	SBP-SO-429-0002 Screening		Dense	Red - Brown	SAND, some silt (fine-medium sand, poorly graded material)	I, organic root	SM/Fill	Grass/root plug – approximately 2"	FID 0.0	PID 0.0
1		2'	12/16/03 @ 1100		Loose	Tan - Gray	SAND, fine-medium sand, poorly graded, seashells		SP/Fili	- Damp	0.0	0.0
										Saturated sands		
2											0.0	0.0
			SBP-SO-429-0204 Screening									
3			12/16/03 @ 1105								0.0	0.0
						+	<u> </u>					
4					<u> </u>	Dark Gray	SAND (fine-medium sand, poorty graded, trace sea	ashells)	\ \	<u> </u>	0.0	0.0
				EOB @ 4' bgs			EOB @ 4' bgs - Backfill with bentonite chips (4'-1')	and topsoil (1'-0')		-		
		<u> </u>		-						 	-	
										1		
				1	-							
-										-		_
		- -	, , , , , , , , , , , , , , , , , , ,								-	-
					-					-		
TYPE OF	DRILLING F	RIG:	GEOPROBE – 4 X	4 Mule	16				<u> </u>	Tetra Te	ech NUS, i	Ino
METHOD METHOD METHOD		CING BORIN MPLING: CORING:			ntinuous samp	les to 4' in 2'	intervals			l Gua R	TE)	uiG.
1	BSERVATION		Phase I Flag Nu	mber 520	Between ballfi	ields – near b	leachers	BORING NO.:	129	PAGE:	1 OF	1

1 OF

PAGE:

	LOG FOR:		Raymark OU9 RI	/FS			BORING N	O.:	430	
PROJECT			N1369				START DA	TE:	12/16/03	
LOGGED			J. Lambert				TRANSCRIBED BY:DH COMPLET	ION: DATE;	12/16/03	
		any/Driller):	Aquifer Drilling &	Testing/ S. F	ryzbylski		MON. WEL		N/A	
GRD. SU	RFACE ELI	EVATION:					ELEVATION FROM: CHECKED	BY:	JD	
	BLOWS	SAMP	SAMPLING							
DEPTH (FEET)	PER 6"	REC. / SAMP LENG.	TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION	USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD =
		1.7'	SBP-SO-430-0002		Slightly Loose	Brown	0' - 0.5' - Sandy (fine and coarse sand) SILT	ML	Moist	[FID, (PPM)] PID-0.0
1		2.0	Screening 12/16/03 @ 1115		Loose	Gray	0.5' - 1.7' - Fine-medium SAND, trace seashells. Also shell layer (0.1 at 1.4'	") SP	-	FID=0.0
2									+	
		1.9'	SBP-SO-430-0204 Screening				0' - 1.3' - Similar to above, shell layers at 0.2' and 1.0'		Wet	PID=0.0 FID=0.0
3		2.0'	12/16/03 @ 1120		+			:		
					Slightly Dense	Dark Gray	1.3' - 1.9' - Silty fine SAND, trace coarse sand		Moist	
4							.	+		
				EOB @ 4' bgs				-		
				1						 -
									4	
								*		
									-	
<u></u>										
TYPE OF	DRILLING F	RIG:	GEOPROBE – 4x4	mule (rig 1)				·	Totro T	h MUIO Ima
1		CING BORIN							Tetra Teci	h NUS, Inc.
METHOD	OF SOIL SA	MPLING:	MACRO-CORE OF	pen tube conti	nuous samples	to 4 feet in	2 foot intervals			-)
•	OF ROCK C		N/A						[]	T)
1	BSERVATION		Phase I FID= B	PID= B	Flag	number	Former Landfill area – Behind baseball BORING NO.	430	PAGE:	1 OF 1

PROJECT LOGGED DRILLED	DRILLED BY (Company/Driller): GRD. SURFACE ELEVATION: BLOWS SAMP SA				PS Dedic Testing/ S.Pr	rzybylski		TRANSCRIBED BY:DH	BORING NO.: START DATE: COMPLETION MON. WELL N CHECKED BY:	TE: ON: DATE: L NO.:		430A 1/26/04 1/26/04 N/A JL	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	Til SAMP	PLING ME & LE NO. STATUS)	DLPTH MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION Refer to Boring Log 430 for Phase I, 0' – 4' complete	eted and previously	USC or ROC BRK	K (moi:	REMARKS sture condition; ors; geological sification; rock athering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
2			No sample from 0' – 4'					logged. Resume sampling at 4' - 6' intervals	occi dila providuity				
4			,										
		2.0'	SBP-SO-43			Loose	Brown/ Grayish Black	4.0' - 5.0' - Silty SAND, fine-medium sand 5.0' - 6.0' - ORGANIC material, silty SAND. Fine reeds	e to medium sand	SM/F		wet te noted, sulfur	FID=2200 PID=3.3 FID=2200
6		2.0'	1/26/04 @ SBP-SO-4: Screening				Grayish Black Black/	6.0' – 6.5' - Silty SAND, fine – medium sand 6.5' – 7.0' – ORGANICS, silty SAND 7.0' – 8.0' - Silty SAND, fine-medium sand, trace	coarse sand, trace		Moist - Plastic materia	glass, fill	FID=1620 PID=1.2
8		1.1'	1/26/04 @ SBP-SO-4: Screening				Grayish	gravel 8.0' – 8.4' - Silty SAND, fine – medium sand, glass			Moist-v Glass p	pieces, wood	
10		1.5'		30A-1011.5			Black	8.4' - 10' - Organic material, wood fragments, sil with silt 10' - 12' - Saturated, fine-medium SAND with silt					FID=1223 PID=2.0
12		2.0'	SAMPLE ! COLLECTI		EOB @	—	—	.		V	Glass p		
,					12' bgs								
:							<u> </u>						
METHOD METHOD METHOD GROUND	DRILLING F OF ADVAN OF SOIL SA OF ROCK (WATER LE ¹ BSERVATIO	CING BORIN AMPLING: CORING: VELS:	G: DIREC MACR N/A Possib	le water table			feet intervals		BORING NO.:	430A		Tetra Tech	E

BORING LOG FOR: PROJECT NO.: LOGGED BY: DRILLED BY (Company/Driller): Raymark OU9 RI/FS N1369 K. Jalkut Aquifer Drilling & Testing/S. Przybylski							TRANSCRIBED BY: RAC	BORING NO.: START DATE: COMPLETION: D	OATE:	431 12/16/03 12/16/03	
	BY (Comp RFACE ELI	•	Aquifer Drilling &	Testing/S. Pr	rzybylski	_	ELEVATION FROM:	MON. WELL NO. CHECKED BY:	:	N/A JD	
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION		USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		1.5'	SBP-SO-431-0002 Screening		Dense Loose	Red Brown Brown	SAND, trace silt, trace gravel. Fine medium sand, po- piece fine subrounded gravel to ½" SAND, fine medium sand, poorly graded, no seashells		SP/Fill	Grass/root plug approximately 3" Frozen surface Wet at surface	PID = 0.0 FID = 0.0 PID = 0.0
1			12/16/03 @ 1130			Tan-Gray	SAND, fine medium sand, poorly graded, trace seash	ells	Fill SP/Fill	Damp sand Damp sand	FID = 0.0 PID = 0.0 FID = 0.0
2			SBP-SO-431-0204	-			- Similar to above with some seashells			Saturated sand	PID = 0.0 FID = 0.0 PID = 0.0
3		2.0'	Screening 12/16/03 @ 1140								FID = 0.0
4					\vdash	Dark Gray	SAND, similar to above, noted color change		+		PID = 0.0 FID = 0.0
				EOB @ 4' bgs			EOB @ 4' bgs - Backfill with Bentonite (4'-1') and tops	soil (1'-0')		<u> </u>	- FID = 0.0
					<u> </u>						
		<u> </u>			-						
METHOD METHOD METHOD GROUND	DRILLING I OF ADVAN OF SOIL S OF ROCK I WATER LE	ICING BORIN AMPLING: CORING: VELS:	GEOPROBE - 4 X DIRECT- PUSH MACRO-CORE O N/A	pen tube conti				BORING NO : 43	4	Tetra Tech	NUS, Inc.

BORING I	OG FOR:		Raymark OU9 RI/	/FS				BORING NO.:		431A		
PROJECT	NO.:		N1369					START DATE:		1/20/0	·	
LOGGED			J. Lambert				TRANSCRIBED BY: RAC	COMPLETION:	DATE	1/21/0		
		any/Driller):	Aquifer Drilling &	Testing/R. U	llmann		110110011101111111111111111111111111111	MON. WELL N		N/A		
	RFACE ELI						ELEVATION FROM:	CHECKED BY:		JD		
								OHLONED DT.		_ 3D		
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION		USCS or ROCK BRKN	(mois odoi class	EMARKS ture condition; s; geological iffication; rock thering; etc.)	FIELD SCREENING DATA METHOD =
			SBP-SO-431A-0002				Refer to Boring Log Number 431 for soil profile deta	ils from 0' - 4' has	<u></u>	Wea	thering, etc.)	[FID, (PPM)]
			Full suite less dioxin and SPLP				- The state of the			-		
2			1/20/04 @ 1530			l						
			SBP-SO-431A-0204	1 1		 		· · · · · · · · · · · · · · · · · · ·	-			
			Full suite less dioxin and SPLP		<u> </u>							
4			1/21/04 @ 0845	1		i						
			SBP-SO-431A-0406	1	Slightly	Gray	0' - 0.9' - Fine-medium SAND, trace shell fragme	ents	SP	Moist		PID = 0.0
		1.3'	Full suite less dioxin		Loose	Dark Gray	0.9' - 1.1' - Fine-medium SAND, trace glass		SP/Fill			FID = 70.8
		2.0'	and SPLP			Gray	1.1' - 1.3' - Fine-medium SAND, trace metal fragm	ents		1 ↓	Sweet odor	7.5 70.0
6			1/21/04 @ 0905						↓	Wet		
				EOB @					·			
	,			6' bgs		1						
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	DRILLING R		GEOPROBE - Trac	ck mounted (ri	g 2)			Note:			Tetra Tech	NUS, Inc.
		CING BORIN		tt				. Full Suite = SVOCs				<u> </u>
	OF SOIL SA		MACRO-CORE Op	en tube contir	nuous samples	in 2' intervals	3		dioxin, SPL	.Р 🐪	"#7	┡
1	OF ROCK C		N/A	<u> </u>					and PCBs, os, and VOC	35	(#4	La)
	GROUNDWATER LEVELS: Approximately 5' EOB OTHER OBSERVATIONS: Phase II Flag Number 360 PID/FID = C (1/20/						F (1/21/04) Former Landfill Area – Baseball Area		<u> </u>			<u>. </u>
					, 0	THE STATE OF ICE	- (DUNING NO. 4	31A		PAGE: 1	OF 1

BORING LOG FOR: PROJECT NO.: LOGGED BY: DRILLED BY (Company/Driller): GRD. SURFACE ELEVATION: BLOWS SAMP			Raymark OU9 RI, N1369 J. Lambert AQUIFER DRILLI		NG/ S.	TRANSCRIBED BY: DH CO			BORING NO.: START DATE: COMPLETION: DATE: MON. WELL NO.: CHECKED BY:		432 12/16/03 12/16/03 N/A JD	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS) SBP-SO-432-0002	DEPTH MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION Top 0.2' ~ grass/roots		USCS or ROCK BRKN	(mois odor class wea	EMARKS ture condition; s; geological ification; rock thering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
1		1.5'	Screening 12/16/03 @ 1135		Slightly Loose	Brown	0.2' - 0.7' - Fine sandy SILT, some organics (roots) 0.7' - 1.5' - Fine-medium SAND, some seashells, sl		ML SP	Moist		PID=0.0 FID=0.0
2					+							
3		1.9'	SBP-SO-432-0204 Screening 12/16/03 @ 1140			Dark Gray	0' - 0.9' - Fine-medium SAND, trace shells 0.9' - 1.9' - Fine SAND, some medium sand			Wet		PID=0.0 FID=0.0
3			12/10/03 @ 1140			J.L.,						
4				EOB @ 4' bgs	— 	+			+			
,									ķ			
METHOD (METHOD (METHOD (GROUND)	DRILLING F OF ADVANC OF SOIL SA OF ROCK C WATER LEV BSERVATIC	CING BORING MPLING: ORING: /ELS:	GEOPROBE - 4x4 G: DIRECT- PUSH MACRO-CORE OP N/A Phase 1 FID= 8		nuous samples Flag nun		foot intervals Former Landfill area – between baseball fields	POPING NO :	22		Tetra Tech	E
,_,_,_,					- 109 11011		Editoria di CE Dellaccii Dascuali ilcius	BORING NO.: 4	32		PAGE: 1	OF 1

BORING I	OG FOR:		Raymark OU9 RIA	/FS				BORING NO .:			433		
PROJECT	NO.:		N1369					START DATE:			12/16/03		
LOGGED			K. Jalkut				TRANSCRIBED BY: RAC	COMPLETION:	DATE	E:	12/16/03		
DRILLED	BY (Compa	any/Driller):	Aquifer Drilling &	Testing/S. I	Przybylski			MON. WELL NO	0.;		N/A		
GRD. SUF	RFACE ELE	EVATION:					ELEVATION FROM:	CHECKED BY:			JL		
	<u> </u>	2445	04470.00	-	-			ANALY AND THE THE TAX AND THE	3 thin		THE PROPERTY OF THE PROPERTY O		
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION Grass surface		USC ROC BRI	or OCK	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	SCRE DA META	ELD EENING ATA HOD = (PPM)]
			SBP-SO-433-0002		Dense	Dark Re Brown	d SAND, some silt, some gravel. Fine-medium sand m sand, poorly graded, fine coarse subrounded gravel ½		SM/	/Fill	Grass/root plug -	FID	PID
	-		Screening	l .				- 1, diganic tools	<u> </u>		approximately 2"	0.0	0.0
1			12/16/03 @ 1150		Loose	Tan Gra	y SAND, fine-medium sand, poorly graded, seashells		SP/	Fill 	Saturated sand	0.0	0.0
												0.0	0.0
2				-					Ш				<u> </u>
			SBP-SO-433-0204	1									
			Screening and Confirmation	1	 				\sqcup	├ ──-			
3			į.	l		↓			IJ	L	l 1	0.0	0.0
3			12/16/03 @ 1200	-	D	Di-ai-	CAND ""		V			1	
					Dense	Black	SAND, some silt, organic roots/fibers, wood chunks, s material	ome spongy	SM/	/Fill 	Damp	0.0	0.0
4							+					0.0	0.0
				EOB @ 4' bgs			EOB @ 4' bgs ~ Backfill with bentonite chips (4'-1') ar	nd topsoil (1'-0')					
								·					
				-					 				-
1					<u></u>				<u> </u>				
										١.			
				1						-+		 	
													1
				1						\neg			
TYPE OF I	DRILLING F	liG:	GEOPROBE - 4 X	4 Mule							Tetra Tech	AUTO	
		CING BORIN						_			тепа Тесп	NUS, I	HC.
ı	OF SOIL SA		MACRO-CORE OF	en tube con	tinuous samp	les to 4' in .	2' intervals	_				.)	
METHOD	OF ROCK C	ORING:	N/A					_					
I GROUND!	NATER LEV	/FLS:						_			(- '	— <i>)</i>	

Phase I Flag Number 475 Between ballfields – near bleachers

OTHER OBSERVATIONS:

PAGE: 1 OF

BORING NO.: 433

	NO.:		Raymark OU9 Riz N1369 J. Lambert Aquifer Drilling &		Pryzbylski		TRANSCRIBED BY:DH	BORING NO.: START DATE: COMPLETION: DATE: MON. WELL NO.: CHECKED BY:		434 12/16/03 12/16/03 N/A JD	
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION Top 0.2' – grass and roots		USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		1.6'	SBP-SO-434-0002 Screening		Slightly Loose	Red- Brown Brown	0.2' - 0.7' - Fine sandy SILT, some organics (roots)		ML	Moist	PID=0.0 FID=0.0
1		/ 2.0	12/16/03 @ 1 4 25	-		Tan	0.7' - 0.8' - Wood fragment 0.8' - 1.4' - Medium-coarse SAND, some seashells		Fill SP/Fill		
2						Dark Grav	1.4' - 1.6' - Fine SAND, some slit, trace shells				
		1.7'	SBP-SO-434-0204 Screening			Jiay	0' - 1.0' - Fine SAND, trace silt, trace medium sand, p	piece of carpet			PID=0.0 FID=271.1
3		2.0'	12/16/03 @ 1430	-		Gray	1.0' - 1.3' - Fine-medium SAND				
4						Dark	1.3' - 1.4' - WOOD 1.4' - 1.7' - Silty fine SAND		₩		
1				EOB @ 4' bgs					SM		
METHOD METHOD METHOD GROUND	DRILLING R OF ADVANG OF SOIL SA OF ROCK C WATER LEV BSERVATK	CING BORIN MPLING: ORING: /ELS:	GEOPROBE – 4x4 DIRECT- PUSH MACRO-CORE OF N/A Phase I FID= B	en tube conti			2 foot intervals ler Landfill area – next to parking lot by baseball fields	BORING NO.: 43	34	Tetra Tech	E

BORING	LOG FOR:		Raymark OU9	RI/FS				BORING NO.:		435	
PROJEC [*]	ΓNO.:		N1369					START DATE:		12/16/03	
LOGGED	BY:		K. Jalkut				TRANSCRIBED BY: LJD	COMPLETION:	: DATE:	12/16/03	
DRILLED	BY (Compa	any/Driller):	ADT/\$. Przybyl	ski			. <u></u>	MON. WELL N	O.:	N/A	
GRD. SU	RFACE ELI	EVATION:					ELEVATION FROM:	CHECKED BY:			
				Anni 1811 'm 1811							
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. /	SAMPLING TIME &	DEPTH MAT'L CHG./	DENSITY/ CONSIS.		MATERIAL CLASSIFICATION		USCS or ROCK	REMARKS (moisture condition; odors; geological	FIELD SCREENING DATA
0	N/A	SAMP LENG.	SAMPLE NO. (QA/QC STATUS)	WELL PROF'L	or ROÇK HARD.	CLR	Between Ballfield's – near bleachers	<u></u> .	BRKN	classification; rock weathering; etc.)	METHOD = [FID, (PPM)]
		1.5'	SBP-SO-435-0002 Screening		Dense	Red - Brown	SAND – some silt, fine-medium sand, poorly graded,	organic roots	SM/Fill	1' snow on top Grass/root plug = approximately 2"	FID = 25.9 PID = 0.0
1		2'	12/16/03 @ 1410		Loose	Tan-gray	SAND - fine-medium sand, poorly graded, seashells		SP/Fill	Damp, wet surface	FID = 46.8 PID = 0.0
						Black	Similar to above, with ash, organic material (reeds, roo	ots, wood)	+	Compressed soil	FID = 75.3 PID = 0.0
2					Loose	White	GRAVELS ~ 2 pieces to 2" subrounded		GP		FID = 298.1 PID = 0.0
		2'	SBP-SO-435-0204 Screening		Dense	Dark Brown	Silty SAND – some gravel, some organic material, fine- mostly, trace coarse sand, poorly graded, fine-coarse		SM/Fill	Compressed soil, not	
3		2'	12/16/03 @ 1415				1/2" - 1", organic reeds, roots, fibers	subjourned graver		spongy	FID = 1387 PID = 0.0
											FID = 28.8
											PID = 0.0
4					\ \	+			↓		FID = 0.0 PID = 0.0
				EOB @ 4' bgs			EOB @ 4' bgs - Backfill with Bentonite chips (4' -1') ar	nd topsoil (1'- 0')			
										1	
		-									
									,		
		l			J	-			<u> </u>		<u> </u>
	DRILLING		GeoProbe 4 X	4 Mule						Tetra Tech	NUS, Inc.
		ICING BORIN		man furb	Al	01 (-4					
	OF SOIL S		Macro Core; O	pen tube, con	tinuous to 4' in	z' intervals					3
i i	OF ROCK OWATER LE		N/A Not Encountered								L j
l.	OBSERVATI		Phase I. Flag No		Landfill area			BORING NO.:	: 435	PAGE:	1 OF 1

BORING I	LOG FOR:		Raymark OU9 Ri/	/FS				BORING NO .:		436	
PROJECT	NO.:		N1369					START DATE		12/16/03	
LOGGED	BY:		K. Jalkut				TRANSCRIBED BY: LJD	COMPLETION		12/16/03	
DRILLED	BY (Compa	nv/Driller):	ADT/S. Przybylski					MON, WELL I		N/A	 -
	RFACE ELE	• ,					ELEVATION FROM:	CHECKED BY		JL	 _
								OHECKED BI	•	<u>JL</u>	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION Outside ballfield – near parking lot and highway		USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock	FIELD SCREENING DATA METHOD =
			SBP-SO-436-0002	111012	17435	Red -	Silty fine-medium SAND, organic roots, poorly graded		SM/Fill	weathering; etc.) Grass/root plug =	[FID, (PPM)]
		1.5'	Screening		Dense	Brown	The moduli of the state of the			Approximately 2" Wet @ surface	FID = 3.7 PID = 0.0
1			12/16/03 @ 1440		Loose	Tan-Gray	SAND - fine-medium sand, poorly graded, seashell fra	gments	SP/Fill		
					↓	↓					FID = 11.1 PID = 0.0
2					Dense	Dark Brown	SAND – some silt, trace gravel, organics, mostly fine-r trace coarse sand, poorly graded, fine gravel subround		SM/Fill	Compressed soil, packed tight	FID = 57.3 PID = 0.0
		2' /	SBP-SO-436-0204 Screening, Confirmation		Loose	1	SAND - trace silt, fine-medium sand, poorly graded, so fragments	eashell	SP/Fill	Saturated sand	FID = 2.3 PID = 0.0
3		2	and confirmation duplicate		Dense	Black	FILL glass, metal, newspaper, wood, in silty sand ma	atrix	FitI	Glass shards to 1", packed material	FID = 993.7
_ 			DUP06 @ 1450 12/16/03 @ 1450				Silty SAND – some gravel, fine-medium sand, trace copoorly graded, fine-coarse subrounded gravel ½-1", or		SM/Fill	Chemical odor, (olfactory evidence)	PID = 0.0
4			_		+		slag, possible PACM	ga		packed soil with landfill waste	FID = 527,1
т				EOB @					,		PID = 0.0
				4' bgs			EOB @ 4'bgs - Backfill with Bentonite chips (4' -1') a	nd topsoil (1'- 0')		!	
								·			
,											
									>		
										,	
T/D= ^=	DDILLING	10-	OneDark 43/44	lula.							<u> </u>
METHOD		CING BORIN				N 5-4		_ Notes:		Tetra Tech	NUS, Inc.
	OF SOIL S		Macro Core; Open N/A	tube, contir	nuous to 4' in 2	intervals		_ PACM = Poten			- 1
	OF ROCK (WATER LE		Not Encountered					- contai	ining materia	a • • • • • • • • • • • • • • • • • •	إما
	BSERVATI		Phase I. Flag No. 68	3: former l	andfill area			BORING NO	436	PAGE:	
	_~~,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			_,				L DODING IN	**NO .	1 PA(46) /	

	NO.: BY:	any/Driller): EVATION:	Raymark OU9 Rl. N1369 J. Lambert Aquifer Drilling &		ryzbylski		BORING NO START DAT TRANSCRIBED BY: DH COMPLETIC MON. WELL ELEVATION FROM: CHECKED BY:	E:)N: DATE: .NO.:	437 12/16/03 12/16/03 N/A JD	
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION	USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		1.8' 2.0'	SBP-SO-437-0002 Screening 12/16/03 @ 1505		Slightly Loose	Red-Brown Brown	0' - 0.3' - Silty fine SAND 0.3' - 0.9' - Silty fine-medium SAND, trace coarse sand	SM	Moist -	PID=0.0 FID=0.0
1			DUP 06 @ 1508	_		▼ Gray	0.9' - 1.5' - Fine-medium SAND, trace seashells	SP	Moist	
2		<u>-</u>	SBP-SO-437-0204			Black Dark Gray	1.5' - 1.8' - Silty fine-medium SAND, trace charcoal /ash 0' - 0.3' - Silty fine-medium SAND, trace coarse sand	SM/Fill	Moist	PID=0.0
3		2.0'	Screening 12/16/03 @ 1510		Dense	Black	0.3' - 0.9' - Charcoal, some fine-coarse sand, trace wood fragments	Fill	- Wet	FID=143,2
					Slightly Loose	Dark Gray	0.9' - 1.3' - Fine-coarse SAND, trace gravel, trace silt	sw		
4				EOB @ 4' bgs	· •			_		
,								\$	_	
METHOD METHOD METHOD GROUND	DRILLING F OF ADVAN OF SOIL SA OF ROCK (WATER LE	CING BORIN AMPLING: CORING: VELS:	MACRO-CORE Op N/A	en tube contir			oot intervals ing lot sample moved over after 1' refusal on first sample BORING No	D.: 437	Tetra Tec	h NUS, Inc.

BORING L			Raymark OU9 N1369	RI/FS			BORING		438	
LOGGED			K. Jalkut				START D		12/16/03	
		any/Driller):	ADT/S. Przybyl	nki				TION: DATE:	12/16/03	· · · · · · · · · · · · · · · · · · ·
GRD. SUR			AD173. FIZYOYI	SKI			MON, WI		N/A	
GRD. SUR	TACE ELI	EVATION.					ELEVATION FROM: CHECKE	DBA:		
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY CONSIS. or ROCK HARD.	. 1	MATERIAL CLASSIFICATION Parking lot island – grass surface	USCS or ROCK BRKN	(moisture condition; odors; geological	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		1.4' 2'	SBP-SO-438-0002 Screening		Loose	Yellow - Brown	SAND and GRAVEL – some silt, fine-medium sand, trace to some coa sand, poorly graded, fine-coarse subrounded gravel ½ -1", organic roo	rse SM/Fil		FID = 0.0 PID = 0.0
1			12/16/03 @ 1510							
							Similar to above with glass to 1" (shards), green-colored material, met mixed in	al		FID = 0.0 PID = 0.0
2									Damp, poor recovery	FID = 0.0
		1.4'	SBP-SO-438-0204 Screening				Similar to above (including fill)		Damp, poor recovery	PID = 0.0
3		/ -	12/16/03 @ 1515			▼		₩		FID = 0.0 PID = 0.0
								sw		FID = 0,0
						Gray	SAND – fine-coarse sand, well graded, organic roots throughout	l ji		
4						1		1	Damp	FID = 0.0 PID = 0.0
				EOB @ 4' bgs			EOB @ 4' bgs - Backfill with Bentonite chips (4' -1') and topsoil (1'- 0')			T 15 - 0.0
	:									
,										
					J					l
1	DRILLING F		GeoProbe – 4 X	4 Mule					Tetra Ted	h NUS, Inc.
1		CING BORIN		nan tuha a	dingaya ta 47	in O' interest				
	OF SOIL SA		Macro – Core; O	pen tube, cor	runuous to 4	m ∠ mervais				-
	WATER LE		Not Encountered							

OTHER OBSERVATIONS:

Phase I. Flag No. 723; former Landfill area

1 OF

PAGE:

BORING NO.: 438

BORING L			Raymark OU9	RI/FS				BORING NO.:		439	
PROJECT			N1369					START DATE:		12/16/03	
LOGGED			J. Lambert				TRANSCRIBED BY:DH	COMPLETION: I	DATE:	12/16/03	
DRILLED I			Aquifer Drilling	& Testing/ S. F	Pryzbylski			MON. WELL NO).:	N/A	
GRD. SUF	RFACE ELI	EVATION:					ELEVATION FROM:	CHECKED BY:		_JD	
	BLOWS	SAMP	SAMPLING	DEPTH	SOIL				wa	(manufacture 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	***
DEPTH	PER	REC.	TIME	MAT'L	DENSITY/		MATERIAL	4	USCS	REMARKS	FIELD
(FEET)	6"	/	& &	CHG./	CONSIS.		CLASSIFICATION		or	(moisture condition; odors; geological	SCREENING DATA
0	N/A	SAMP LENG.	SAMPLE NO. (QA/QC STATUS)	WELL	or ROCK	CLR			ROCK BRKN	classification; rock	METHOD =
	10/1	CEITO.	SBP-SO-439-0002	PROF'L	HARD.	Bassier -	100		DIXIN	weathering; etc.)	[FID, (PPM)]
		1.5'	357-30-439-0002		Slightly	Brown	1.2' - Grass/roots 0.2' - 0.3' - Silty fine SAND			Moist	PID=0.8
	•	2.0'	Screening		Loose				SM		FID=121.0
1	•	/ 2.0	12/16/03 @ 1545			↓	0.3' - 1.0' - Fine-coarse SAND		sw		
·			12/16/03 (2/1343	-4	H	- ·					
						Black	1.0' - 1.3' - Fill- Filter (heavy) Pleated		Filt		
				10 0							
				110 /	11 1	l					
2						White	1.3' - 1.5' - Fill- Solid material- clay or silt-like, possible				
			SBP-SO-439-0204	1	11 1 1	Orange	0' - 0.5' - Fill - Soft material (non-natural), possible slu	udge/waste		Wet	PID=2.8
		1.3'	Screening	1)							FID=52.0
		2.0°	Confirmation								
3			12/16/03 @ 1550	4 .		White	0.5' - Similar material to 1.3'-1.5' in first macro-core				
					Loose	Black	0.5' - 1.3' - Fill- oil- impacted/stained wood, glass, wood	den bobbin/			
							cylinder, silt, some fine sand		.		
				4 1						↓	
4				11	★				▼ .	▼	
				EOB @							<u> </u>
				4' bgs							
				1					*		
						L					
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				1							
			· · · · · · · · · · · · · · · · · · ·								
·I											
									>		
											 -
Targer 65 :	DILLING 5	10.	OFODDOFF :	4 1 - 61 - 1	-						<u> </u>
TYPE OF I			GEOPROBE – 4	x4 mule (rig 1)						Tetra Tecl	NUS, Inc.
METHOD		CING BORIN		Onon tubo conti	nuouo nomelee	to 4 foot !=	2 fact intervals	Note: Moved 3 feet	toward du	gout	
METHOD			MACRO-CORE N/A	Open tube contil	nuous samples	io 4 leet in	2 TOOL THE VAIS	after refusal			
GROUNDY			IVA							 	The j
OTHER OF			Phase I FID=6	3 PID=B	Flag number	705 Forn	ner Landfill area - parking lot next to baseball field	BORING NO.: 43	20	5105	
							partial location to pascoul field	DOMING NO. 43		PAGE:	OF 1 TINUS Form 0018
											11403 FUIII 0018

	NO.: BY:	any/Driller): EVATION:	N130	mark OU9 RI/I 69 ambert fer Drilling & T		Ullmann		TRANSCRIBED BY:	<u>DH</u>	BORING NO.: START DATE: COMPLETION: MON. WELL N CHECKED BY:	0.:	439A 1/29/0 1/29/0 N/A JD)4	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAM	MPLING TIME & PLE NO. C STATUS)	DE MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR		IATERIAL SSIFICATION		USCS or ROCK BRKN	(mois odo class	REMARKS sture condition; rs; geological sification; rock athering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
1			No Samp from 0' -	les collected 4' bgs				Refer to Boring Log Number 43	9 for soil profile deta	ils from 0-4'			<u> </u>	
2														
3														
4			SBP-SO-	7 439A-0406	-	Loose	Dark	0' - 1.1' - Medium-coarse SAN	D, some fine subrou	nded-rounded	SP	Wet		
5		1.7'	NO ANAI 1/29/04 @				Gray	gravel	1					
							Black	1.1' - 1.7' - Silty fine SAND, son	ne medium sand		SM			
6		1.8'	SBP-SO-	439A-0608 _YTICAL				0' - 1.4' - Silty fine SAND, trace	glass					
7		/ 2.0	1/29/04 @) 1440 ———————————————————————————————————							*			
8					EOB @ 8' bgs	—	_	1.4' - 1.8' - Fine-medium SAND	trace coarse sand		sw			
TYPE OF DRILLING RIG: METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: GROUNDWATER LEVELS: METHOD OF ROCK CORING: GROUNDWATER LEVELS: METHOD OF ROCK CORING: MACRO-CORE Open tube continuous samples to 4 feet in the continuou									Note: Phase II Screening	Metals	los and	Tetra Tech	NUS, Inc.	
OTHER O	THER OBSERVATIONS: Phase II FID=B PID=B Old Flag nui							705 Former Landfill	area	BORING NO.: 4	39A		PAGE: ^	OF 1

BORING L	OG FOR:		Raymark OU9	RI/FS			E	BORING NO.:		440		
PROJECT	NO.:		N1369		_		5	START DATE:		12/16	/03	
LOGGED	BY:		K. Jalkut		-		TRANSCRIBED BY: LJD (COMPLETION: I	DATE:	12/16	/03	
DRILLED	BY (Compa	any/Driller):	ADT/S. Przybyl	ski		-		MON. WELL NO).:	N/A		· · · · · · · · · · · · · · · · · · ·
GRD. SUF	RFACE ELE	EVATION:					ELEVATION FROM:	CHECKED BY:		JL		
		_								·····		
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION Outside ballfield area, on grass, between ballfield and parking	at	USCS or ROCK BRKN	(mois odo class	REMARKS sture condition; rs; geological sification; rock athering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		1.7'	SBP-SO-440-0002 Screening		Dense	Dark Brown	Silty SAND – fine-medium sand, poorly graded, organic roots		SM/Fill	Grass/r	oot plug = mately 3"	FID = 1.6 PID = 0.0
1		/ -	12/16/03 @ 1550	:	Loose	Brown	SAND - fine-medium sand, poorly graded, seashells		SP/Fill			
					+		SAND – trace silt, trace gravel, fine-medium sand, trace coarse coarse gravel ½-1" subrounded, plastic pieces to 2"	sand, fine-		Damp		FID = 7.2 PID = 0.0
												FID = 50.8
2					Dense							PID = 0.0
			SBP-SO-440-0204				Silty SAND - fine-medium sand, poorly graded, trace seashells	;	SM/Fill	Saturate	ed	FID = 7.4
		2' /2'	Screening				SAND – trace gravel, fine-medium sand, trace coarse sand, po	anticonada d	SP/Fill	- Compre	essed/packed	PID = 0.0
3		/ '	12/16/03 @ 1600				fine gravel to ½" (2 pieces), subrounded, organic roots/material		SP/FIII		spongy to touch	
]						FID = 792.1
						 	SAND and GRAVEL, trace silt, fine-medium sand, trace coarse	sand fine-		Damp		PID = 0.0 FID = 2.5
4					\	♦	coarse subrounded gravel 1/2-1"	Jenia, mie-	. ↓			PID = 0.0
				EOB @					· · · · · · · · · · · · · · · · · · ·			110-0.0
				4' bgs			EOB @ 4' bgs - Backfill with Bentonite chips (4' -1') and topso	il (1'- 0')				
	,					İ						
										-		
								l				
				1						_		
						<u></u>	•					
												<u> </u>
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				<u> </u>		Į.		-		<u> </u>		<u> </u>
TYPE OF D	RILLING R	iG:	GeoProbe – 4 X	4 Mule							Tetra Tech	NUS, Inc.
METHOD (F ADVANC	ING BORING	6: Direct - Push									_
METHOD (OF SOIL SA	MPLING:	Macro - Core; O	pen tube, co	ntinuous to 4'	in 2' interva	s				(-
METHOD C	F ROCK C	ORING:	N/A								■1	C
GROUNDY	VATER LEV	ELS:	Not Encountered									
OTHER OF	SERVATIO	NS:	Phase I. Flag No	. 593; forme	r Landfill area			BORING NO.:	440		PAGE:	1 OF 1

BORING L			Raymark OU9	RI/FS					BORING NO.	:		441	
PROJECT			N1369						START DATE	<u>:</u> :		12/17/03	
LOGGED			K. Jalkut					TRANSCRIBED BY:LJD	COMPLETIO	N: D	ATE:	12/17/03	
DRILLED	BY (Compa	any/Driller):	ADT/S. Przyby	ski					MON. WELL	NO.:		N/A	-
grd. Suf	RFACE ELE	EVATION:	<u> </u>					ELEVATION FROM:	CHECKED B	Y:		JL	
	DI OWO	CAME	CAMPUNO	-				3					
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP	SAMPLING TIME & SAMPLE NO.	MAT'L CHG./ WELL	DEN	SITY/ SIS: SOCK!	CLR	MATERIAL CLASSIFICATION			CS or OCK	REMARKS (moisture condition; odors; geological	FIELD SCREENING DATA
0	N/A	LENG.	(QA/QC STATUS)	PROF'L	HA		CLR	Grass surface, on island in parking lot		BF	KN	classification; rock weathering; etc.)	METHOD = [FID, (PPM)]
		1.7'	SBP-SO-441-0002		Lo	ose	Brown	SAND – trace silt, trace gravel, organic roo graded, fine-gravel subrounded to ½"	ots, fine-medium sand, poorly	SF	/Fill	Grass/root plug = Approximately 3"	FID = 0.0 PID = 0.0
1		2'	Screening 12/17/03 @ 0915				Tan-gray	SAND - trace gravel, fine-coarse sand, we subrounded	ell graded, fine gravel to ½"	SW	//Fill	Damp	
													FID = 61.4 PID = 0.0
2					١.	•	+	· •		•			
		1.7'	SBP-SO-441-0204		Đe	nse	Yellow- Brown	Silty SAND – trace silt, fine-medium sand, to 1" subrounded	poorly graded, coarse gravel	SM	l/Fill	Damp	
3	•	2°	Screening 12/17/03 @ 0920		, I	Ļ	\			,			FID = 22 PID = 0.0
					Loc	ose	Dark Brown	SAND and GRAVEL, fine-coarse sand, we subrounded gravel ½-1"	Il graded, fine-coarse	SW	//Fill		
4							1			,		Damp	FID = 34 PID = 0,0
				EOB @ 4' bgs				EOB @ 4' - Backfill with bentonite chips (4	4' -1') and topsoil (1'- 0')				110 0.0
									, and reposit (1 2)				
•													
							-		:		3		
													<u> </u>
			<u> </u>	<u> </u>			<u> </u>					·	
	DRILLING	RIG: ICING BORI	GeoProbe – 4 X NG: Direct - Push	4 Mule		-						Tetra Te	ch NUS, Inc.
	OF SOIL S		Macro – Core; O	pen tube, co	ntinuou	s to 4' i	n 2' intervals						-)
	OF ROCK		N/A						· · · · · · · · · · · · · · · · · · ·				
GROUND	WATER LE	VELS:	Not Encountered										
OTHER C	BSERVATI	ONS:	Phase I. Flag No	. 664; forme	r Landfi	Il area			BORING NO.:	44	1 ·	PAGE	1 OF 1

BORING L	OG FOR:		Raymark OU9 RIA	'FS			BORIN	IG NO.:	442	
PROJECT	NO.:		N1369					Î DATE:	12/17/03	
LOGGED	3Y:		J. Lambert					LETION: DATE:	12/17/03	
DRILLED I	3Y (Compa	any/Driller):	Aquifer Drilling &	Testing/ Rob	Ullmann			WELL NO.:	N/A	
GRD. SUR	FACE ELI	EVATION:						KED BY:	JD	
					ė					
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL	DENSITY/ CONSIS. or ROCK	CLR	MATERIAL CLASSIFICATION	USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock	FIELD SCREENING DATA METHOD =
Ť	1071	22(10.	SBP-S0-442-0002	PROF'L	HARD. Slightly	Light	Top 0.2' - grass/roots 0.2' - 0.4' - Silty fine-medium SAND		weathering; etc.)	[FID, (PPM)]
		1.7'	Screening		Loose	Brown	0.4' - 1.1' - Fine-coarse SAND, trace silt	SM SW	Moist	PID=0.5 FID=0.0
1		2.0'	12/17/03 @ 0915		↓	↓				
					Slightly Dense	Gray- Brown	1.1' - 1.7' - Fine – coarse SAND, trace silt, trace gravel, Note - Oxidation staining at 1.5'		Mat (fiberous- appears to be geotech. lining) In sample- will send for	
2		***************************************							asbestos just to check	
		1.7'	SBP-SO-442-0204 Screening and Confirmation				0' - 0.6' - Fine-coarse SAND, some silt			PID≃0.0 FID≃0.0
3			12/17/03 @ 0920		₩	Dark Red	0.6' - 0.9' - Fine-medium SAND, brick (medium gravel size)	SP/Fill		
					Dense	Brown	0.9' - 1.6' - Silty fine-coarse SAND, some gravel , trace glass	SM/Fill	Wet Wet	
4						Off White	1.6' - 1.7' - Plug of newspapers stick together	Fill		
				EOB @ 4' bgs						
										
			1							
				-						
,										
								8		
	_									
TYPE OF [ORILLING F	liG:	GEOPROBE – Trac	ck- mounted (l	Rig 2)				Tetra Tech	NUS Inc
		CING BORIN	**				Note:			
METHOD (OF ROCK O	ORING:	MACRO-CORE OF N/A	en tube conti	nuous samples	to 4 feet in 2	toot intervals	d PM check		E)
GROUNDY OTHER OF			Phase I FID= A	PID=A	Flag numb	er 350 - Ea	rmer Landfill area - Dorne Drive RORING	NO: 442	PAGE	<u> </u>

BUBING	LOG FOR	, <u>.</u>	Raymark OL	II9 RI/ES			BORING NO.:		443	ł	
PROJECT		•	N1369	20 1411.0			START DATE:	-		17/03	
LOGGED			K. Jalkut				TRANSCRIBED BY: LJD COMPLETION: DATE:	-		17/03	
		pany/Drille		ing & Testi	ng/S. Przyby	/lski	MON. WELL NO.:	-	N/A		
	•	LEVATION	•				ELEVATION FROM: CHECKED BY:	-	JL		
			····	· · · · · · · · · · · · · · · · · · ·	-, 50-00-00-00-00-00-00-00-00-00-00-00-00-0	, ,		g#::			
DEDTU	BLOWS	SAMP	SAMPLING TIME	DEPTH	SOIL			USC	25	REMARKS	FIELD
DEPTH (FEET)	PER 6"	REC.	1 IIVIE &	MAT'L CHG./	DENSITY/ CONSIS.		MATERIAL CLASSIFICATION	OI.		(moisture condition;	SCREENING
(,,		SAMP	SAMPLE NO.	WELL	or ROCK	, CLR	CLASSIFICATION	ROC		odors; geological classification; rock	DATA METHOD =
0	N/A	LENG.	(QA/QC STATUS)	PROF'L	HARD.		Grass surface, island in parking lot	BRK	(N	weathering; etc.)	[FID, (PPM)]
			SBP-SO-443-0002		Loose	Brown	SAND – trace SILT, trace GRAVEL, organic roots. Fine-medium sand, poorly graded,	SP/F		Grass/root plug =	FID = 0.0
		2' /	Screening			 	fine gravel to 1/2" subrounded	$oldsymbol{\sqcup}$		approximately 3" Damp	PID = 0.0
		/ 2'				Tan-gray	SAND. Fine-medium sand, well graded, seashells			Damp	
1	 		12/17/03 @ 0940	4	Dense	Dork Brow	n SAND - Trace gravel, Fine-medium sand, mostly trace coarse sand, trace coarse gravel		\dashv	-	FID
'	 				Delige	Dalk blow	to 1* subrounded, charcoal				FID = 0.0
 	 				Loose	Tan-Gray	SAND - Fine-medium sand, poorly graded, seashells	_	\dashv	Damp	PID = 0.0 FID = 0.0
2	 				Dense	Dark Brow	n SAND - Trace gravel, Fine-medium sand, trace coarse sand, trace coarse gravel to 1" subrounded, metal shards				PID = 0.0
<u></u>	 		SBP-SO-443-0204	1	Loose	Tan-Gra		士	\pm	Saturated sand	FID = 0.0
		2' /					, , , ,	\ \		1	PID = 0.0
		/2°	Screening		Denser	Dark Brov	n SAND, some silt, fine-medium sand, trace coarse sand, poorty graded, asphalt, glass	SM/F	Fill	Domn	
3		/	12/17/03 @ 0945			<u> </u>		ı <u>l</u>		Damp	
											FID = 11.5
						<u> </u>	Y			Damp	PID = 0.0
!					↓	1 1	SILTY SAND – some gravel – fine-medium sand, poorly graded, coarse gravel to 1" subrounded, asphalt, cloth, glass shards to 1"	J	, 1	Damp	FID = 3.2
4	<u> </u>		·	- COD @	▼	▼	Subtourided, aspirant, Godin, glass stratus to 1		\rightarrow		PID = 0.0
	 			EOB @ 4' bgs			EOB @ 4' bgs - Backfill with Bentonite chips (4' -1') and topsoil (1'- 0')				İ
	 			_		+	EOD @ 4 bgg - basisin mai bentonite dinpo (4 1) and topool (1-0)				
										!	
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									\Box		" "
						<u> </u>					
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						\vdash			\dashv		
	<u> </u>									J	ł
	F DRILLING		GeoProbe							Tetra Tech N	√US, Inc.
		NCING BO				t- 41 !- 01 !-					`
		SAMPLING		a; Open tube	e, continuous	to 4' in 2' in	iervais			▎	-
		K CORING	: <u>N/A</u>				<u> </u>			{ = 4	-)
GROUN	DWATER I	_EVELS:									_

Phase I. Flag No. 636; former Landfill area

OTHER OBSERVATIONS:

1 OF

PAGE:

BORING NO.:

443

BORING L	OG FOR:		Raymark OU9 RI/	/FS				BORING NO.:		444	
PROJECT	NO.:		N1369					START DATE:		12/17/03	
LOGGED			J. Lambert	•			TRANSCRIBED BY: DH	COMPLETION	· DATE·	12/17/03	
		any/Driller):	Aquifer Drilling &	Testing/ Rob	Ulimann			MON. WELL N		N/A	
	RFACE ELE	• ,	7 Iquilot Dinning G	TOOLING! TEED	- Carrier III		ELEVATION FROM:	CHECKED BY:		JD	
	WINGE EEL					_		OFFICIALD DE		30	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION 0' - 0.2' – Grass, topsoil		USCS or ROCK BRKN	(moisture condition; odors; geological classification; rock	FIELD SCREENING DATA METHOD =
			SBP-SO-444-0002	TIOLE	Slightly	Brown	0.2' - 0.4' - Fine-medium sandy SILT		ML	weathering; etc.) Moist	[FID, (PPM)]
		1.6'	001-00-11-0002		Loose	Red-Brown	0.4' - 0.5' - Medium-coarse SAND, trace coarse s	and	SW	Geotech. liner in sample	PID=0.0
		/	Screening	1 9	1		0.4 - 0.5 - Wedidiff-coalse SAND, trace coalse s	eanu	244		FID=0.0
1		2.0'	12/17/03 @ 0940		↓	Brown	0.5' - 0.6' - Fine-medium SAND, trace Sift		SP		
] /	Slightly	Black	0.6' - 0.8' - Charcoal, some fine-coarse sand		Fill	Moist	-
				1 7	Dense	Brown	0.8' - 1.2' - Silty fine-coarse SAND and Gravel		SM		
				1 7	Dense	Light	1.2' - 1.4' - Fine-coarse SAND		SW	⊣ ↓	
2				1 /	i i	Dark Brown	1.4' - 1,6' - Fine-coarse SAND and SILT		SM	Wet	
			SBP-SO-444-0204	1 /		Dark Gray	0' - 0.6' - Fine SAND, trace medium-coarse sand	frace gravel	SW/Fil		DID-04
		0.7' /	051 -00-111-0251	1 7		Dan Olay	0 - 0.0 - Fine OAND, trace mediam-coarse sand	, liace glavei	SVV/Fil	vvei	PID=0.1
		2.0	Screening	1 /	\vdash	-		·	 	-	FID=69.1
3		/ 2.0	12/17/03 @ 0204								
				7 /			0.6' - 0.7' - Similar to above, metal pieces also			Moist	
						l l					
				1 /		· · · · · · · · · · · · · · · · · · ·			1	-	
4				1 /	↓	↓			1 1	ļ	
-				EOB	-		<u> </u>				 -
-				@ 4' bgs					1		
				@ 4 Dys			<u> </u>			_	
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L											<u>L</u>
TYPE OF	DRILLING F	NG:	GEOPROBE – Trac	ck- mounted (I	Ria 2)				·	Total 7	AU IO
!		CING BORIN								Tetra Tech	NUS, Inc.
	OF SOIL SA		MACRO-CORE OF	oen tube contir	nuous samples	to 4 feet in 2 f	foot intervals	- Note:			•)
1	METHOD OF ROCK CORING: N/A						— PID failed PM che	ck			
1	WATER LE							_			
1	BSERVATION		Phase FID= A	PID= A	Flag	number 351	Former Landfill area – Dome Drive	BORING NO.: 4		PAGE: 1	OF 1

BORING I	OG FOR		Raymark OU9	RI/FS					BORING NO.:		445			
PROJECT	" NO.:		N1369						START DATE:			7/03		
LOGGED	BY:		K. Jalkut					TRANSCRIBED BY: LJD	COMPLETION	: DATE:	12/1	7/03		
DRILLED	BY (Comp	oany/Driller):	ADT/S. Przyby	lski					MON, WELL N	O.:	N/A			
GRD. SU	RFACE EL	EVATION:						ELEVATION FROM:	CHECKED BY:		JL			
	1			L		15			The same and the s					
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROGK HARD.	c	OLR	MATERIAL CLASSIFICATION Asphalt surface = Approximately 2" thick		USCS or ROCK BRKN	(m	REMARKS noisture condition dors; geologic assification; ro weathering; etc	al ck	FIELD SCREENING DATA METHOD = [FID, (PPM)]
			SBP-SO-445-0002		_		rown	SAND and GRAVEL (roadbase = ~2"), fine-coarse sar	id, fine-coarse		Use	d dedicated dri	1	FID = 0.0
		1.4'	Screening		Loose		lack	gravel 1/2-1" subrounded		SW/Fil	stee	I through aspha	alt	PID = 0.0
1		2,	12/17/03 @ 1000	-	Dense		/hite : Brown	GRAVEL broken rock SAND some silt, trace gravel, fine-medium sand, trace coarse gravel to 1" subrounded	ce coarse sand,	GP SM/Fill				FID = 0.0 PID = 0.0
İ						l.								
2					+		¥	Silty SAND – some organics, fine-medium sand, trace fine-coarse gravel 1/2-1" subrounded, metal shards		V	Darr	mb		FID = 0.0 PID = 0.0
		1.8'	SBP-SO-445-0204		Loose	Dark	Brown	SAND and GRAVEL, trace silt, fine-coarse sand, well coarse subrounded gravel to 1/2-1", glass shards to 1",	graded, fine- plastic, rubber	SW-GW Fill	// Dam	an		FID = 0.0 PID = 0.0
		2'	Screening		1		i i	sole material, metal	,	1	\dashv	•		FID = 0.0
3		/	12/17/03 @ 1000							<u> </u>				
					↓			SAND – trace silt, fine-medium sand, poorly graded		SP/Fill				FID = 10.2
						-		CAND, come gravel trans sit fine medium and an		 	→ Corr	pacted soil	<u> </u>	PID = 0.0
4	-				Dense		+	SAND – some gravel, trace silt, fine-medium sand, poc coarse gravel to 1.5" subrounded	ony graded,	₩				FID = 10.5 PID = 0.0
				EOB @					<u> </u>	† <u> </u>				- 15 0.0
				4' bgs						ļ	_		L	
								EOB @ 4' bgs - Backfill with Bentonite chips (4' -1') ar	nd topsoil (1'- 0')					
						R			-					
						-				,	-		_	
				_		_					_			
	· · · · · · ·			<u> </u>	<u> </u>			L					L	
	DRILLING		GeoProbe – 4 X	4 Mule					-			Tetra T	Tech NL	JS, Inc.
1		NCING BOR SAMPLING:	ING: <u>Direct - Push</u> Macro – Core; O	pen tube, con	tinuous to 4' in	2' inte	rvals		-			6)
		CORING:	N/A						-				It.	
	WATER L		Not Encountered						-					<i>)</i>
OTHER C	DBSERVAT	TIONS:	Phase I. Flag No	, 637; former	Landfill area				BORING NO.:	445	-	PAGE:	1	OF 1

BORING L	OG FOR:		Raymark OU9	9 RI/FS				BORING NO .:		446	
PROJECT	NO.:		N1369					START DATE:		12/17/03	
LOGGED	BY:		J. Lambert				TRANSCRIBED BY: DH	COMPLETION:	DATE:	12/17/03	
DRILLED 1	BY (Compa	ny/Driller):	Aguifer Drillin	g & Testing/ Rob	Ullmann			MON. WELL N		N/A	
	RFACE ELE						ELEVATION FROM:	CHECKED BY:		JD	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS	MAT'L CHG./ WELL S) PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION 0' - 0.2' Grass/roots		USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		1.3'	SBP-SO-446-0002		Slightly Loose	Brown	0.2' - 0.3' - Fine sandy SILT, some organics (roots)		ML	Wet	PID=0.1 FID=0.0
1		2.0'	Screening 12/17/03 @ 1000		Slightly Dense	Dark Red Brown	0.3' - 0.4' - Medium-coarse SAND, trace fine sand 0.4' - 0.6' - Sitty fine-medium SAND		SW	Moist	
		:			Slightly Loose	Ţ	0.6' - 1.1' - Silty fine-coarse SAND and GRAVEL				
2					Slightly Dense	Dark Brown	1.1' - 1.3' - Silty fine-medium SAND, some coarse s	and			
		1.8'	SBP-SO-446-0204				0' - 0.6' - Fine-medium SAND, some silt, trace coa glass/charcoal fragments	rse sand also	SM/Fill		PID=0.0 FID=0.0
	i	2.0'	Screening			Gray	0.6' - 0.7' - Coarse GRAVEL, fractured		GP	1	1.15 515
3			12/17/03 @ 1005		∥ ↓ 1	Dark Gray	0.7' - 1.1' - Silty fine-medium SAND, trace coarse sa	and	SM		
				_	Slightly	Tan	1.1' - 1.3' - Fine-medium SAND		SP	·	
			ĺ		Loose	Gray	1.3' - 1.8' - Fine \$AND		l ï		
			1						 	1	
4					\ \				\ \		
		:		EOB @ 4' bgs							
		'									
				7							-
									-		
									<u> </u>		
					<u> </u>						
				-					*		
									-		
				J. C	e l						
TYPE OF	DRILLING F	IIG:	GEOPROBE -	- Track- mounted ((Rig 2)					Tetra Tec	n NUS, Inc.
METHOD	OF ADVAN	CING BORIN	G: DIRECT- PUSI	н				_		7000	7 7100, 1110.
METHOD	OF SOIL SA	MPLING:	MACRO-CORE	E Open tube conti	inuous sample:	s to 4 feet in 2	2 foot intervals	-			=_)
	OF ROCK C		N/A					_			G
	WATER LEV										
OTHER O	BSERVATION	DNS:	Phase I FID)=A PID=A	Fla	ig number 36	5 Former Landfill area – Dorne Drive	BORING NO.: 4	46	PAGE:	1 OF 1

PAGE: 1 OF

	NO.: BY:	any/Driller): EVATION:	Raymark OU9 RI N1369 J. Lambert Aquifer Drilling &		Ullmann		TRANSCRIBED BY:	BORING NO.: START DATE: COMPLETION: MON. WELL N CHECKED BY:	O.:	447 12/17/0 12/17/0 N/A JD		
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP	SAMPLING TIME & SAMPLE NO.	DEPTH MAT'L CHG./	SOIL DENSITY/ CONSIS.		MATERIAL CLASSIFICATION		USCS or ROCK	(moistu	re condition;	FIELD SCREENING DATA
0	N/A	LENG.	(QA/QC STATUS)	WELL PROF'L	or ROCK HARD.	CLR			BRKN	classif	cation; rock ering; etc.)	METHOD = [FID, (PPM)]
		1.3'	SBP-SO-447-0002 Screening		Slightly Loose	Brown Red-Brown	0' - 0.3' - Silty fine-medium SAND, some organic 0.3' - 0.5' - Fine-coarse SAND, trace gravel	cs (roots)	SM SW	Wet		PID=0.0 FID=0.0
1		2.0'	12/17/03 @ 1050			Black	0.5' - 0.6' - Charcoal, some fine-medium sand		Fill			
]	Slightly	Red-Brown Tan	0.6' - 0.7' - Fine-coarse SAND, trace gravel 0.7' - 1.3' - Fine-medium SAND, trace silt, gravel (Loose) at 1.1'	SW SP			
2					Dense							
		1.2'	SBP-SO-447-0204 Screening and		Dense	Tan Dark gray	0' - 0.3' - Similar to above 0.3' - 0.6' - Fine-coarse SAND, some silt, some gla	ass, also has a thin	SW/Fill	Moist		
3		2.0'	Confirmation 12/17/04 @ 1055			1	(<1mm) white layer – consisting of glue	non-natural		ľ		PID=0.4
					Loose	Tan	0.6' - 0.9' - Micaceous fragments (fine sand-gravel	size)		Moist		FID=206.7
4					Dense		0.9' - 1.2' - Fine sandy SILT		₩L	Wet		
				EOB @ 4'bgs						1101		
		-										 -
												
						ļ <u></u>						<u> </u>
				-						<u> </u>		
												
	ORILLING R		GEOPROBE – Tra	ck- mounted (Rig 2)					<u> </u>	Tetra Tech	NUS, Inc.
METHOD (OF ADVANC OF SOIL SA OF ROCK C WATER LEV	CORING:	G: DIRECT- PUSH MACRO-CORE O N/A	pen tube conti	nuous samples	to 4 feet in 2 f	oot intervals	Note:PID failed pm ched	ck		T	E)
	BSERVATION		Phase I FID=A	PID= A	Fla	g number 414	Former Landfill area ~ Dorne Drive	BORING NO.: 4	47		PAGE: 1	OF 1

BORING L			Raymark OU9 RI	/FS				BORING NO.:		448	
PROJECT			N1369	···			_	START DATE:		12/17/03	
LOGGED			J. Lambert				TRANSCRIBED BY:DH	COMPLETION		12/17/03	
DRILLED I			AQUIFER DRILL	NG & TESTI	NG/ Rob			MON. WELL N		N/A	
GRD. SUF	REACE ELE	:VATION:					ELEVATION FROM:	CHECKED BY	:	JD	
	BLOWS	SAMP	SAMPLING	DEPTH	SOIL		The state of the s			Commence of the commence of th	
DEPTH	PER	REC.	TIME	MAT'L	DENSITY/		MATERIAL		USCS	REMARKS	FIELD
(FEET)	6"	/	&	CHG./	CONSIS.		CLASSIFICATION		or	(moisture condition; odors; geological	SCREENING DATA
0	N/A	SAMP LENG.	SAMPLE NO. (QA/QC STATUS)	WELL	or ROCK	CLR			ROCK	classification; rock	METHOD =
_	NA	LENG.		PROF'L	HARD.		0' - 0.3' - Grass/roots			weathering; etc.)	[FID, (PPM)]
		4.04	SBP-SO-448-0002		Slightly	Dark Red	0.3' - 0.4' - Fine-medium SAND, some coarse sand		SW	Wet	PID=0.0
		1.2'	Screening		Loose		<u></u>				FID=0.0
		2.0'	_		1. 1	Black	0.4' - 0.7' - Charcoal, some fine-coarse sand		Fill		
1			12/17/03 @ 1025			Tan	0.7' - 0.9' - Fine-coarse SAND, some gravel, trace si	lt	SW		
						1 1				Geotech, lining	· · · · · · · · · · · · · · · · · · ·
					<u> </u>	₩	<u></u>				
,					Slightly	Dark	0.9' - 1.2' - Fine-coarse SAND and GRAVEL	·			
2					Dense	Brown					
			SBP-SO-448-0204								
		1.4'	Screening		Dense	<u> </u>	0' - 1.0' - Fine-coarse SAND, some gravel				PID=0.0
		2.0'	Scieding		Slightly	Dark	1.0' - 1.4' - Fine-coarse SAND, some silt, trace medi	um-coarse sand			FID=0.0
3		,	12/17/03 @ 1030		Dense	Gray					. ,
		·		11 1							
-		i			1 1					•	i
				1. 1						1 1	
4					↓	↓	↓		*	▼	
				EOB @		-					
		İ		4' bgs							
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•				17 1			,				
				14 2	التصال				<u> </u>		
TYPE OF I	RILLING R	IG:	GEOPROBE Trac	ck- mounted (I	Rig 2)					Tetra Tech	NUS Inc
		ING BORING						-		. 1000	150, 1110.
	OF SOIL SA		MACRO-CORE OF	en tube contir	nuous samples	to 4 feet in 2	foot intervals	· -			և) ˈ
METHOD (N/A					_			[_
GROUNDV											<u>ر</u>
OTHER OF	SERVATIO	NS:	Phase I FID= A	PID= A	Flag	g number 3	94 Former Landfill area – Dorne Drive	BORING NO.: 4	148	PAGE: 1	OF 1
			PID failed pm	CHĘCK					• •	Tt	NUS Form 0018

BORING LOG FOR:	Raymark OU9 RI/F	s				BORING NO.:		449	
PROJECT NO.:	N1369					START DATE:		12/17/03	
LOGGED BY:	J. Lambert			TRANSCRIBED BY:	DH	COMPLETION:	DATE:	12/17/03	
DRILLED BY (Company/Driller):	Aquifer Drilling & T	esting/ Rob	Ullmann			MON. WELL NO	D .:	N/A	
GRD. SURFACE ELEVATION:				ELEVATION FROM:		CHECKED BY:		JD	
BLOWS SAMP	SAMPLING	DEPTH	SOIL				HSCS	REMARKS	FIELD

	 					-	_		_	_		
DEPTH	BLOWS PER	SAMP REC.	SAMPLING TIME	DEPTH	SOIL				119	scs	REMARKS	FIELD
(FEET)	6"	KEC.	1 IIVIE	MAT'L CHG./	DENSITY/			MATERIAL.		OF	(moisture condition;	SCREENING
(, == , ,	•	SAMP	SAMPLE NO.	WELL	CONSIS. or ROCK	CLF	,	CLASSIFICATION		OCK	odors; geological	DATA
0	N/A	LENG.	(QA/QC STATUS)	PROF'L	HARD.	041	`	0' - 0.2' - Grass/roots	B	RKN	classification; rock weathering; etc.)	METHOD = [FID, (PPM)]
			SBP-SO-449-0002	fi I	Slightly Loose	Brow	vn	0.2' - 0.4' - Fine sand/ SILT, some organics (roots)		ML	Wet	PID=0.0
		1.4'		l I		Dark F	Red	0.4' - 0.5' - Fine-medium SAND, some gravel		SP	ll i	FID=21.9
		2.0°	Screening						1	_		
1		1 /	12/17/03 @1115			Blac	:k	0.5' - 0.6' - Charcoal, trace medium-coarse sand		Fill		
					Slightly Dense	Dark F	Red	0.6' - 0.8' - Fine-coarse SAND, some gravel	5	SW	7	
						Tan	n	0.8' 0.9' - Fine-medium SAND	1 :	SP		
					Slightly Loose	Dark G	Gray	0.9' - 1.1' - Fine-medium SAND, trace coarse sand	5	SW		
2		1			Slightly Dense	Gray	y	1.1' - 1.4' - Medium-coarse SAND, trace fine sand	- 1			
			SBP-SO-449-0204		1	1	$\overline{}$	Silty fine-coarse SAND, some gravel. Also contains charcoal	SN	//Fill	Slight odor	PID=0.0
		1 /	Screening					and glass and metal fragments		ı ()		FID=0.9
		2.0'	Screening									
3		1 ′	12/17/03 @ 1120						- 1			
										1		
		1										
4		1			₩	▼		↓	- 1	↓ II	♥	}
				EOB @	<u> </u>					_		
				4' bgs								
						_			-			<u> </u>
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-	 	1				-						<u> </u>
		-										
	<u> </u>					I.	_				·	

GEOPROBE – Track- mounted (Rig 2)	Tetra Tech NUS, Inc.
DIRECT- PUSH	
MACRO-CORE Open tube continuous samples to 4 feet in 2 foot intervals	(
N/A	
Phase I FID= A /PID=A PID failed pm check Flag number 466 Former Landfill area – Dorne Drive BORING NO.: 449	PAGE: 1 OF 1
	DIRECT- PUSH MACRO-CORE Open tube continuous samples to 4 feet in 2 foot intervals N/A

.

BORING L			Raymark OU9 RI/I N1369	FS				BORING NO.:		450	
PROJECT LOGGED			J. Lambert			· · · · · · · · · · · · · · · · · · ·	TRANSCRIBED BY: DH	START DATE: COMPLETION: I	DATE.	12/17/03	
		any/Driller):	Aquifer Drilling & 1	Testing/ Poh	Lilimann		INANSCRIBED BTDT	MON. WELL NO		12/17/03	
GRD. SUF			Aquiter Dining &	resung/ (Nob	Ollination		ELEVATION FROM:	CHECKED BY:	٠	N/A JD	
0110.001	WALLE						ELEVATION TO THE TOTAL THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO T	OFFICINED BY.		<u> </u>	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	OEPTH MAT'L CHG./ WELL PROF'L	DE NSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION 0' - 0.2' - Grass/roots		USCS or ROCK BRKN	(moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD =
			SBP-SO-450-0002	FROIL	Slightly	Brown	0.2' - 0.3' -Fine sandy SILT		ML	Wet	[FID, (PPM)] PID=0.0
		1.1'	Screening		Loose	Dark Red	0.3' - 0.4' - Fine-coarse SAND		SW		FID=0.0
1		2.0'	12/17/03 @ 1200		↓	Black	0.4' - 0.6' - Charcoal, some fine-coarse SAND	- 1	Fill	ľ	
					Slightly Dense	Tan Dark Red	0.6' - 0.7' - Fine-coarse SAND, trace silt 0.7' - 0.8' - Fine-coarse SAND		sw ↓		
2		¥			Slightly Loose	Brown Black	0.8' - 1.0' - Fine-medium SAND, trace silt 1.0' - 1.1' - Wood pieces (stained)		SP/Fill		
		_	SBP-SO-450-0204		Ī	Brown	Fine-coarse SAND, trace silt, trace gravel, also meta	I pieces	SW/Fill		PID=0.0
		0.8'	Screening			\vdash					FID=0.0
3			12/17/03 @ 1205								
4				EOB @	₩		+			<u>+</u>	
				4' bgs							
)						
							NOTE: Boring went to 4' – poor recovery most likely of soils/borehole from severe rainstorm	y due to saturation			
				.)		-					
,											
									>		
TYPE OF	DRILLING F	RIG:	GEOPROBE - Trac	k- mounted (I	Rig 2)			_		Tetra Te	ch NUS, Inc.
METHOD	OF ADVAN	CING BORIN						-			
1	OF SOIL SA		MACRO-CORE Op	en tube conti	nuous samples	s to 4 feet in 2	foot intervals	-		-	ra_
1	OF ROCK (WATER LE		N/A					-			
1	BSERVATION		Phase I FID= A/F	PID= A PII	D failed pm ch	eck Flag n	umber 509 Former Landfill area – Dorne Drive	BORING NO.: 45		PAGE:	1 OF 1
									• •		TtNUS Form 0018

PROJECT			N1369					START DATE:		12/17/03		
LOGGED			J. Lambert				TRANSCRIBED BY: RAC	COMPLETION:	DATE:	12/17/03		
		ıny/Driller):	Aquifer Drilling &	Testing/R. I	Ulimann			MON, WELL NO	0.:	N/A		
GRD. SUF	FACE ELE	VATION:					ELEVATION FROM:	CHECKED BY:		JD		
				£	3							
DEPTH	BLOWS	SAMP REC.	SAMPLING TIME	DEPTH	SOIL				uscs	REMARK		FIELD
(FEET)	PER	I I	& &	MAT'L CHG./	DENSITY CONSIS.	′	MATERIAL CLASSIFICATION		or	(moisture con	dition; SCR	REENING
(,	6"	SAMP	SAMPLE NO.	WELL	or ROCK	CLR	CLASSIFICATION		ROCK	odors; geolo classification	igical L	DATA THQD =
0	NA	LENG.	(QA/QC STATUS)	PROF'L	HARD.	`	0' - 0.2' - Grass/roots		BRKN	weathering;	etc) IFID), (PPM)]
			SBP-SO-451-0002	<u> </u>	Slightly	Brown	0.2' - 0.4' - Fine sandy SILT, some organics	, trace gravel	ML	Wet	FID	
		1.4'			Loose			,			0.0	
		2'	Screening		\vdash	Red Brown	0.4' - 0.7' - Fine-coarse SAND, trace silt		sw	Moist		0.0
1		, -	12/17/03 @ 1410		♦	i	0.7' – 1.1' - Fine-coarse SAND, trace gravel,	trace eilt motal piaces	SW/Fill	Geosynthetic line	ar	
١			1217700 @ 1410	-	Off-feath.	Gray	1.1' – 1.3' – Fine SAND	trace siit, metar pieces				
					Slightly Dense	1 1	1.1 = 1.3 = Pine SAND		SP	Moist		
					1	<u> </u>				1 1		
				ì	1 1	1 1	1.3' - 1.4' - Fine-coarse SAND, trace gravel		SW			
2				╛		V						
			SBP-SO-451-0204	Ì		Mottled Brown	n/ 0' - 0.7' - Fine sandy SILT, some glass, woo	od fragments	ML/Fill	1	0.0	0.0
		0.9'	Screening	1	\ \ \	Black				{		
		/ 2 [']	Succinity	i	Slightly	Gгау	0.7' - 0.9' - Silty fine SAND	 	SM	1		
3			12/17/03 @ 1415		Loose							
				1								
					li							
					 	- 				1 1	<u> </u>	-
4					↓					♥	1	
-				FOR @								
				EOB @ 4' bgs		1						
				7 595		<u> </u>						
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										1		
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				<u> </u>								
T/05 05	DDILLING 5	IC.	GEOPROBE - trac	k mounted (ria 2)							
	DRILLING F			in mounted (ig 2)					Te	etra Tech NUS,	, Inc.
		CING BORIN	MACRO-CORE OF	nan tuha a	tinuous sc-	nalos to 4' in 3' int	an ale	Note:				
	OF SOIL SA			heir rane con	iui iuous san	inpres to 4 in 2 int	(c) A (i) 2	PID failed pm ched	:k			
	OF ROCK C		N/A									

PID/FID = A

BORING NO.:

BORING NO.: 451

451

BORING LOG FOR:

OTHER OBSERVATIONS:

Raymark OU9 RI/FS

Phase I Flag Number 557 Former landfill area - Dorne Drive

PAGE: 1 OF

BORING I	LOG FOR:		Raymark OU9 RI/	/FS				BORING NO.:		451A	
PROJECT	NO.:		N1369					START DATE:		1/28/04	,
LOGGED	BY:						TRANSCRIBED BY: RAC	COMPLETION:	DATE:	1/28/04	
DRILLED	BY (Compa	any/Driller):	Aquifer Drilling &	Testing/R.	Ullmann		· · · · · · · · · · · · · · · · · · ·	MON. WELL NO	D.:	N/A	
GRD. SUF	RFACE ELE	EVATION:					ELEVATION FROM:	CHECKED BY:		JD	
						,	AV-10-20-00-00-00-00-00-00-00-00-00-00-00-00				
DEPTH	BLOWS	SAMP REC.	SAMPLING TIME	DEPTH	SOIL DENSITY/			*** / ******** ***********************	USCS	REMARKS	FIELD
(FEET)	PER 6"	1	&	MAT'L CHG./	CONSIS.		MATERIAL CLASSIFICATION		or	(moisture condition;	SCREENING
	١	SAMP	SAMPLE NO.	WELL	or ROCK	CLR	ODAGGII IGATION		ROCK	odors; geological classification; rock	DATA METHOD =
0	NA	LENG.	(QA/QC STATUS)	PROF'L	HARD.		_L		BRKN	weathering; etc.)	[FID, (PPM)
			SBP-SO-451A-0002	1			Refer to Boring Log Number 451 for soil profile deta	ails from 0' – 4' bgs		3 sleeves	
			Full Suite							Geotech. membrane	
			Full Suite							4	
1			1/28/04 @ 1450								
			DUP - Full Suite, less								
ŀ			dioxin and SPLP								
			1/28/04 @ 1455								
2											
			SBP-SO-451A-0204	7						3 sleeves	
			Full Suite							Sweet, possible solvent	ł
										odor	
3			1/28/04 @ 1515								
			DUP - Metals only								
			1/28/04 @ 1520	-							
4							. ★				}
			SBP-SO-451A-0406	7	Slightly	Dark	0'-0.5'- Fine-medium SAND, trace silt, some pla	astic, some organic	SP/Fill	Moist	
1		1.2'	Full Suite, less dioxin		Loose	Brown	(leaf litter)			1	PID = 0.0
		/ 2'	and SPLP			Green	0.5' - 0.9' - Fine-medium SAND, trace coarse sand	d, trace asphalt	SW/Fill	1 1	710 5.0
5		/	1/28/04 @ 1545		↓	Brown	pieces	,	•••••		FID = 0.0
			-	1	Slightly	Gray	0.9' - 1.0' - Fine SAND and GRAVEL	-	SP/Fill		FID = 0.0
					Dense				0.77		
					Slightly	Black	1.0' - 1.2' - Fine SAND, trace silt, trace glass, som	e charcoal fragments		↓	
6					Loose		The state of the s	o oncreat negments	↓	Wet	İ
			SBP-SO-451A-0608	1		Dark	Silty fine-medium SAND, trace plastic, metal, wood	fragments	SM/Fill	1	
,		0.6'	Full Suite, less dioxin			Brown	and the modern of the place of the tall, the	magnicino	1		DID 6.0
		2'	and SPLP			-				{	PID = 0.0
7		/ -	1/28/04 @ 1610						,		l
<u> </u>			112001 @ 1010	-					 		FID = 6.0
ļ							1		-		
8				EOB @ 8' bgs	♦		↓			<u> </u>	
L	L			l o não			<u> </u>	 	▼	_ ▼	L
TYPE OF	DRILLING R	liG:	GEOPROBE - trac	k mounted (rig 2)			Note:		Tetra Tech	NUS. Inc
METHOD	OF ADVANC	CING BORIN						Full Suite = SVOC	s, Pesticid	es/PCBs,	
	OF SOIL SA		MACRO-CORE OF	en tube con	tinuous samp	les in 2' inte	rvals		s, dioxin, S s and PCBs		ᆸ
METHOD OF ROCK CORING: N/A									tos, and V	ocs	t)

PID/FID = E

BORING NO.: 451A

Approximately 7' bgs
Phase II Old Flag Number 557 Former landfill area – Dome Road

GROUNDWATER LEVELS: OTHER OBSERVATIONS:

PAGE: 1 OF

BORING	LOG FOR:		Raymark OU9	RI/FS				BORING NO.:			452	
PROJECT	NO.:		N1369					START DATE:			12/17/03	
LOGGED	BY:		K. Jalkut					COMPLETION:	DATE		12/17/03	
DRILLED	BY (Comp	any/Driller)	: ADT/S. Przyby	/Iski		······		MON. WELL NO			N/A	·
		EVATION:						CHECKED BY:			JL	
	•							ONEONED DY.			<u> </u>	
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP	SAMPLING TIME & SAMPLE NO.	MAT'L CHG./	DENSITY/ CONSIS.	1	MATERIAL CLASSIFICATION	د.	RC	S or CK	REMARKS (moisture condition odors; geologica	I DATA
0	N/A	LENG.	(QA/QC STATUS)	WELL PROF'L	or ROCK HARD.	CLR	Grass surface = Island in parking area			KN ———	classification; roo weathering; etc.	
		1.7'	SBP-SO-452-0002 Screening		Loose	Brown	SAND – trace silt, trace gravel, fine-coarse sand, well gra fine gravel to ½" subrounded, organic roots	· .	SP	/Fill	Grass/root plug = approximately 2" Wet surface	FID = 0.0 PID = 0.0
1			12/17/03 @ 1350		Dense		SAND – trace silt, trace gravel, fine-medium sand, poorly seashells, subrounded fine gravel to ½*	graded,			Damp compresse soil	d
					Loose						Damp	FID = 5.2 PID = 0.0
2						Gray - Black	SAND - trace silt, fine-medium sand, poorly graded		\ \	,	Бапр	
		1.7'	SBP-SO-452-0204 Screening			Brown	SAND – some silt, trace gravel, fine-coarse sand, well gracoarse gravel to ½" subrounded, seashells	eded, fine-	\$W	/Fill	Saturated sand	FID = 35.3 PID = 0.0
3		2'	12/17/03 @ 1355		<u> </u>	Gray	SAND – trace gravel (fine-medium sand, poorly graded, fi subrounded)	ne gravel,	SP.	/Fill		
					Dense	Black	SAND some gravel, some silt, organics, fine-medium sa trace coarse sand, fine-coarse subrounded gravel ½-1", o	and mostly, rganics	SM	/Fill	Packed soil	FID = 456.7 PID = 0.0
4					<u> </u>	↓			•	7		FID = 0.0 PID = 0.0
				EOB @ 4' bgs								
							EOB @ 4' bgs - Backfill with Bentonite chips (4' -1') and the	topsoil (1'- 0')		·		
,												
								-	-	٥		
											,	
TVDE OF	DDILLING	DIC:	CooProho 4 V	(4 Mula		16						
	DRILLING OF ADVA	RIG: NCING BOR						Note: FID = I	В		Tetra 1	Tech NUS, Inc.
		SAMPLING:	Macro - Core; C	Open tube, co	ntinuous to 4'	in 2' intervals		PID = I	В			
	OF ROCK		N/A	_t		 		_ Heavy rain an	id wind	ſ		It
	WATER LI		Not Encountere		. I			<u> </u>				
UTHER (BSERVAT	IUNS:	Phase I. Flag No	o. 663; formei	r Lanατill area			BORING NO.	45	2	PAGE:	1 OF 1

BORING L PROJECT	OG FOR:		Raymark OU9 RI/ N1369	FS	··· · · · · · · · · · · · · · · · · ·			BORING NO.:		453		
LOGGED			J. Lambert				TRANSCRIBED BY: DH	START DATE: COMPLETION:	DATE:	12/17/0 12/17/0		
		any/Driller):	AQUIFER DRILLI	NG & TESTI	NG/ Rob		TOTALOGICALD BT.	MON. WELL NO		N/A	13	
	RFACE ELE			· · · · · · · · · · · · · · · · · · ·			ELEVATION FROM:	CHECKED BY:	-	JD JD		
		·	1 222					OTTEGRED DIT				
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION 0-0.1' Grass/roots		USCS or ROCK BRKN	(moisti odors classif	ure condition; i; geological fication; rock hering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		0.9'	SBP-SO-453-0002		Slightly Loose	Brown Dark Red	0.1' - 0.2' - Fine- medium SAND and SILT 0.2' - 0.4' - Fine-medium SAND, trace fine gravel		SM SP	Wet	3, 2134	PID=0.1 FID=0.0
1		2.0'	Screening 12/17/03 @ 1445		\prod	Black	0.4' - 0.5' - Fine gravel, charcoal and fine-coarse sar layer	nd- possible burn	Fill	Moist		11.5 5.5
				1	Slightly Dense	Dark Red Black	0.5' - 0.7' - Fine- medium SAND, trace gravel 0.7' - 0.8' - Fine-coarse SAND, may be pulverized cha	ırcoal	SP SW/Fill	- Wiolat		
2						Tan	0.8' - 0.9' - Fine-medium SAND, trace gravel		SP			
		1.4'	SBP-SO-453-0204 Screening			Tan	0' - 0.3' - Fine-medium SAND, trace gravel					PID=0.0 FID=0.8
3		2.0'	12/17/03 @ 1 4 50			Dark Brown	0.3' - 0.6' - Fine-medium SAND, trace slit					
					. ↓	Tan	0.6' - 0.8' - Fine-medium SAND, trace gravel					
4					Slightly Loose	Gray	0.8' - 1.4' - Fine-medium SAND		—] ↓		
				EOB @ 4' bgs								
												
,								·····				
									*	1		
			,									
										1		
TYPE OF I	DRILLING R	RIG:	GEOPROBE – Trac	k- mounted (i	Rig 2)					-	Tetra Tech	NUS Inc
METHOD (METHOD (GROUND)	OF ADVANG OF SOIL SA OF ROCK C WATER LEV BSERVATIO	ORING: VELS:	G: DIRECT- PUSH MACRO-CORE OP N/A Phase I FID= A	en tube conti		to 4 feet in 2		ROPING NO : 4			T	E
UTRICK U	ひいこれを入り入し	ノロし.	FIIGSCI FIU≐ A	CIU- A	- 1a	a mannuel ouc	FULLIEL LANGUIII AREA — LINTRE L'INVE	BURING NO 4			DACE: 4	OF 4

	NO.: BY:	any/Driller): EVATION:	Raymark OU9 RI/ N1369 K. Jalkut Aquifer Drilling &		rzybylski		TRANSCRIBED BY: LJD	BORING NO.: START DATE: COMPLETION: DATE: MON. WELL NO.; CHECKED BY;	454 12/17/03 12/17/03 N/A JL	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS) SBP-SO-454-0002	DEPTH MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION Grass surface – island in parking lot SAND – trace gravel, fine-coarse sand, well graded, subrounded gravel to ½"	USCS or ROCK BRKN trace fine SW/Fill	(moisture condition; odors; geological classification; rock weathering; etc.) Grass/root plug = ~2" Saturated-wet surface	FIELD SCREENING DATA METHOD = [FID, (PPM)] FID = 0.0 PID = 0.0
1		2'	Screening 12/17/03 @ 1425	-						FIB = 0.0
2							3" silty SAND interval (fine-medium sand, poorly grad	ded) SM/Fill	_ Wet soil	
		1.7'	SBP-SO-454-0204 Screening				SAND - fine-coarse sand, well graded, seashells SAND - some silt, seashells, fine-medium sand	SW/Fill		
3			12/17/03 @ 1430		Dense		- similar to above with glass and newspaper	SM/Fill	Compressed soil	
4				FOR A	Loose	Gray-black	SAND – some silt, some gravel, fine-medium sand, sand, subrounded fine-coarse gravel ½"-1"	some coarse		FID = 6.8 PID = 0.0
				EOB @ 4' bgs			Backfill with Bentonite chips and topsoil		-	
,								,	-	
TYPE OF	ORILLING F	liG:	Geoprobe 4 X 4 Mu	e					Totro Tool	AUIO Inc
METHOD METHOD METHOD GROUND	OF ADVANO OF SOIL SA OF ROCK O WATER LEY	CING BORING MPLING: ORING: /ELS:	G: Direct-Push Macro-core open tul N/A	be. Continuo	us to 4' in 2' inc	crements			Tetra Tech	NUS, Inc.
OTHER O	BSERVATION	ONS:	Phase I Flag # 638					BORING NO.: 454	PAGE:	1 OF 1

PROJECT LOGGED DRILLED	BY:	any/Driller): EVATION:	Raymark OU9 RI/ N1369 K. Jalkut Aquifer Drilling &		zybylski		TRANSCRIBED BY:	BORING NO.: START DATE: COMPLETION: MON. WELL N CHECKED BY:	O.:	455 12/17/03 12/17/03 N/A JL	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION Grass surface – island in parking lot		USCS or ROCK BRKN	(moisture con lition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
1		1.7'	SBP-SO-455-0002 Screening 12/17/03 @ 1450		Loose	Brown	SAND – trace gravel, fine-coarse sand, well grader piece subrounded coarse gravel to 2", organic root		SW/Fill	Grass/root plug = Approximately 2" Damp	FID = 0.0 PID = 0.0
2										_ Jump	
		1.8'	SBP-SO-455-0204 Screening				- similar to above SILT layer (2") SAND – some silt, trace gravel (fine, subrounded 3)	(2")	SM/Fill		
3			12/17/03 @ 1455		Dense Loose	Tan- gray	Fine-medium mostly, trace coarse sand, glass shall SAND – fine-medium, poorly graded	ds to 1/2"	SP/Fill	Compressed soil Damp	
4				EOB @ 4' bgs	Dense	Dark Brown	SILT – some sand, some gravel, mostly silt, fine-m gravel to ½" subrounded, plastic, glass, organics Backfill with Bentonite chips from 4'-1' and topsoil		SM/Fill	Damp	FID = 4.6 PID = 0.0
				- Ug3			Deckin with Dentonice Chips worth 4-1 and topsoft	10111120			
					<u> </u>	-					-
TYPE OF	DRILLING F	RIG:	Geoprobe 4 X 4 Mu	le						Tetra Teci	n NUS, Inc.
METHOD METHOD	OF ADVAN OF SOIL SA OF ROCK O WATER LEV	ORING:	G: Direct-Push Macro-core open tui N/A	be. Continuo	us to 4' in 2' in	crements				T	t
	BSERVATION		Phase I Flag # 706					BORING NO.: 4	155	PAGE:	1 OF 1

1 OF

BORING LOG FOR: PROJECT NO.: LOGGED BY: DRILLED BY (Company/Driller): GRD. SURFACE ELEVATION:		Raymark OU9 RI/FS N1369 K. Jalkut Aquifer Drilling & Testing/S. Przybylski					BORING N START DA TRANSCRIBED BY: LJD COMPLET MON. WE ELEVATION FROM: CHECKED			456 12/17/03 12/17/03 N/A JL			
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CL	R	MATERIAL CLASSIFICATION Grass surface Island in parking lot	USC or ROC BRK	(mo Od Cla	isture condition; ors; geological ssification; rock eathering; etc.)	SCRI D MET	EELD EENING DATA THOD = , (PPM)]
1	-	1.6'	SBP-SO-456-0002 Screening 12/17/03 @ 1510		Loose	Bro	wn	SAND – some silt, some gravel, roots, fine-medium sand, fine-coarse 0.5" – 1.5" subrounded gravel	SM/F		/root plug = ~2.5" t surface		= 0.0 = 0.0
2					Denser			SILTY SAND (fine-medium sand at bottom)		 		-	
3		1.7'	SBP-SO-456-0204 Screening Screen dup @ 1520 Dup 08 12/17/03 @ 1515		Soft Dense	Bla	ck	- similar to above SILTY SAND – fine-medium poorly graded, spongy Broken rock layer – 3 in.	₩				
4							,	SAND/GRAVEL fine-coarse, some silt, ½ - 2" subrounded gravel 1 large rock @ end = 2"	SW/F	Fill			= 0.0 = 0.0
				EOB @ 4' bgs				Backfill with Bentonite chips from 4'-1' and topsoil from 1' - 0'					- 0.0
,													
									8				
l .	ORILLING F	RIG: CING BORIN	Geoprobe 4 X 4 Mul G: Direct-Push	le					·		Tetra Tech	NUS,	Inc.
METHOD GROUND	OF SOIL SA OF ROCK (WATER LE' BSERVATION	CORING: VELS:	Macro-core open tul N/A Phase I Flag # 687	be. Continuo	us to 4' in 2' in	cremen	ts	BORING NO.:	456		PAGE	b	= 1

BORING L	OG FOR:		Raymark OU9 RIA	/FS				BORING NO.:	457		
PROJECT NO.:			N1369				•	START DATE:	12/17/03		
LOGGED BY:			J. Lambert				TRANSCRIBED BY: DH COMPLETION		12/17/03		
DRILLED BY (Company/Driller):			AQUIFER DRILLI	NG & TESTI	NG/ Rob			MON, WELL NO.:	N/A		
GRD. SURFACE ELEVATION:							ELEVATION FROM:	CHECKED BY:	JD		
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION 0-0.2' Grass/roots	USCS or ROCK BRKN	(moisture condition; odors; geological classification; rock	FIELD SCREENING DATA METHOD =	
			SBP-SO-457-0002	TRUIT	Slightly	Dark Red	0.2' - 0.6' - Fine-medium SAND, trace gravel	SP	weathering; etc.) Moist	[FID, (PPM)]	
		1.3'	Confirmation		Loose		0.6' - 0.8' - Fine SAND, trace medium sand, trace gravel			PID=0.0 FID=0.0	
1		2.0'	12/17/03 @ 1510						Geotech liner		
						Tan	0.8' - 1.1' - Fine SAND, trace medium sand				
2				1			1.1' - 1.3' - Fine- medium SAND, some gravel (angu	lar)	1		
		1.2' /	SBP-SO-457-0204			Dark Brown /Red	0' - 0.2' - Fine-medium SAND 0.2' - 0.3' - Brick			PID=0.0	
	·· - ·	2.0'	Screening	1		7,100	V.2 - 0.3 - DRICK	Fill	_	FID=116.3	
3		/	12/17/03 @ 1515	40 0		Red/Brown	0.3 - 0.7' - Mottled silty fine-medium SAND, some br	ick fragments SM/Fil	1		
					↓	Black	0.7' - 0.8' - Charcoal, some fine-coarse sand	Fill			
						Brown	0.8' - 1.0' - Fine-medium SAND, some silt	SP			
4					Loose	Off White	1.0' - 1.2' - Fine-coarse SAND, and GRAVEL	sw		•	
				EOB @ 4' bgs							
									_		
'									1	-	
TYPE OF I	RILLING R	IG:	GEOPROBE - Trac	k- mounted (f	Rig 2)				Talua Ta	L AUID	
E .		CING BORIN		,	y -/		· · · · · · · · · · · · · · · · · · ·		letra led	h NUS, Inc.	
METHOD	OF SOIL SA	MPLING:	MACRO-CORE OF	en tube contir	nuous samples	to 4 feet in 2 f	oot intervals			-	
METHOD (OF ROCK C		N/A							T	
OTHER OF			Phase I FID= A	PID= A	. Fla	g number 649	Former Landfill area – Dorne Drive	BORING NO.: 457	PAGE:	1 OF 1	

PROJECT			N1369					START DATE:		12/17/03	
LOGGED		(Duill A)	K. Jalkut	Tanting/C Dr	- do dolai		TRANSCRIBED BY: LJD	COMPLETION: MON. WELL NO		12/17/03 N/A	
URILLED COD CUE	RFACE ELI	any/Driller):	Aquifer Drilling &	resung/S. Fi	ZYDYISKI		ELEVATION FROM:	CHECKED BY:	·	JL.	
3KD. 30F	VEACE LL	_VATION.					ELETATION I NOM.	OFFICINED BY:		, VI	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION Asphalt surface = 2"		USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
			SBP-SO-458-0002				SAND and GRAVEL - well graded, fine-coarse sand		SW/Fill	Used led drill Steel	FID = 0.0
	<u> </u>	1.4'	Screening		Loose	Brown	-			O lees	PID = 0.0
1		/ 1	12/17/03 @ 1530			↓	\		. ↓		
						Gray- brown	SAND – some gravel, fine-medium sand mostly, trace poorly graded fine gravel ½" subrounded	e coarse sand,	SP/FIII		
2					Dense	+	SAND – fine-medium sand, poorly graded, roots			Compressed soil	
			SBP-SO-458-0204	1		Brown	Silty fine-coarse SAND, well graded, fine-coarse grav subrounded	rel 1/2" -1"	\ . \ \		
		1.4'	Screening		Loose		Subjounded		SM/Fill		FID = 102
3		′ ′	12/17/03 @ 1535	1							PID = 0.0
				1			Similar to above, with glass, plastic, burned wood, ne	wspaper, metal	Fill		
	ļ	1									FID = 67
4					<u> </u>	<u> </u>			Į.		PID = 0.0
				EOB @ 4' bgs			Backfill with Bentonite chips from 4'-0.4' and cold pa	tch from 0.4-0'		,	
		1		-3-							
				-		l A	-				
						/					
		-		1							
		-			<u> </u>	-					
				1					.		
		-									
									-		<u> </u>
	<u> </u>		<u> </u>	J							
	DRILLING I		Geoprobe 4 X 4 Mu	ıle		<u></u>		•		Tetra Ted	h NUS, Inc.
	OF SOIL S	ICING BORIN AMPLING:	IG: Direct-Push Macro-core open to	ibe. Continuo	us to 4' in 2' in	crements		-			
	OF ROCK		N/A					-			T)
	WATER LE		Dhana I Elas # 629	<u></u>				BORING NO.: 4	58	BACE	<u> </u>
OTHER	BSERVATI	ON9:	Phase I Flag # 638	,				DUNING NO. 4	יולי	PAGE:	1 OF 1

BORING NO.:

458

BORING LOG FOR:

Raymark OU9 RI/FS

BORING LOG FOR: PROJECT NO.: LOGGED BY: DRILLED BY (Company/Driller): GRD. SURFACE ELEVATION:			Raymark OU9 RI. N1369 J. Lambert AQUIFER DRILLI		NG/ Rob		TRANSCRIBED BY: DH ELEVATION FROM:	BORING NO.: START DATE: COMPLETION: DATE: MON. WELL NO.: CHECKED BY:		459 12/17/03 12/17/03 N/A JD		
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION		USCS or ROCK BRKN	(moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]	
		1.3'	SBP-SO-459-0002 Screening		Slightly Loose	Dark Red Black	0' - 0.1' - Grass/roots 0.1' - 0.4' - Fine-coarse SAND, some organics (ro 0.4' - 0.5' - Charcoal, some fine-coarse SAND	ots), trace gravel	SW	Wet	PID=0.0 FID=0.0	
1		/ 20	12/17/03 @ 1530		<u> </u>	Orange/red	0.5' - 0.6' - Fine-medium SAND, some gravel		Fill SP	Moist Geotech lining		
			i		Slightly Dense	Tan Black	0.6' - 0.7' - Fine-medium SAND 0.7' - 1.0' - Charcoal and fine-coarse SAND, poss	ible burn layer	Fill	Wet		
2						Tan	1.0' - 1.3' - Fine-medium SAND, trace gravel		SP			
		1.0'	SBP-SO-459-0204 Screening			Gгау	0' - 0.9' - Silty, fine-coarse SAND and GRAVEL, a fragments	also glass	SM/Fill		PID=0.2 FID=136.8	
3		2,0'	12/17/03 @ 1535		↓				↓			
					Loose	Off-White	0.9' - 1.1' - Newspaper pieces (in poor condition)		Fill			
4								·				
				EOB @ 4' bgs					8			
TYPE OF	DRILLING F	DIC:	GEOPROBE Trac	rk- mounted (Rio 2\				<u> </u>			
METHOD METHOD METHOD GROUND	OF ADVANO OF SOIL SA OF ROCK O WATER LEY	CING BORIN MPLING: CORING: VELS:	G: DIRECT- PUSH MACRO-CORE OF N/A	pen tube conti	nuous samples			Note:	Tetra Tecl	Tetra Tech NUS, Inc.		
OTHER O	BSERVATION	JNS:	Phase I FID= A	PID= A	, Fl	ag number 694	BORING NO.: 4	1 OF				

BORING L	OG FOR:		Raymark OU9 RI/	FS			BORING NO.:		460	
PROJECT			N1369-0320				START DATE:		12/17/03	
LOGGED			J. Lambert				TRANSCRIBED BY: DH COMPLETION	I: DATE:	12/17/03	
		any/Driller):	Aquifer Drilling &	Testing/ Rob	Ullmann		MON. WELL N	10.:	N/A	
GRD. SUF	RFACE EL	EVATION:					ELEVATION FROM: CHECKED BY	:	JD	
	DI OMO	CALAD	CAMPUNO		_					
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION 0' - 0.2' - Grass/roots	USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		1.6'	SBP-SO-460-0002		Slightly Loose	Brown	0.2' - 0.4' - Silty fine-medium SAND, some organics (roots) trace gravel	SM	Wet	RID=0.0 FID=0.0
1		2.0'	Screening 12/17/03 @ 1600			Black	0.4' - 0.6' - Charcoal, some fine-coarse sand, some glass, possible burn zone	Fitt	Geotech liner	715 5,5
					Slightly Dense	Dark Red Tan	0.6' - 0.8' - Fine-medium SAND, some gravel 0.8' - 1.4' - Silty fine-medium SAND, some gravel	SP SM	Wet	
2						Brown	1.4' - 1.6' - Fine-medium SAND, trace gravel	SP		
		1.1'	SBP-SO-460-0204				0' - 0.3' - Fine-coarse SAND and GRAVEL	sw	Moist	PID=0.0 FID=6.0
3		2.0°	Screening 12/17/03 @ 1605			Gray	0.3' - 0.8' - Fine-medium SAND, trace coarse sand, trace gravel			-
			11111		Slightly Loose	Black	0.8' - 1.1' - Charcoal, some fine-coarse sand	Fill		
4									1 1	
				EOB @ 4' bgs						
			l l		\square					
,					<u>-</u>					
					\square					
METHOD		CING BORIN							Tetra Teci	h NUS, Inc.
METHOD	OF SOIL SA OF ROCK (VATER LEV	ORING:	MACRO-CORE Op N/A	en tube conti	inuous sample	s to 4 feet in 2	foot intervals			t)
OTHER O	BSERVATION	NS:	Phase FID= A/F	PID= A PID	failed pm ched	ck Flagn	umber 731 Former Landfill area – Dorne Drive BORING NO.:	460	PAGE:	1 OF 1

PROJECT			N1369	 .				START DATE:		12/17/03	
LOGGED			J. Lambert				TRANSCRIBED BY:DH	COMPLETION: DA		12/17/03	
	•	pany/Driller)	: Aquifer Drilling &	k Testing/ R	ob Ullmann			MON. WELL NO.:		_N/A	
GRD. SUF	RFACE E	LEVATION:					ELEVATION FROM:	CHECKED BY:		JD	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION 0'-0.1'- Grass/roots	F	USCS or ROCK BRKN	(moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		1.5' /	SBP-\$Q-461-0002		Slightly Loose	Brown	0.1' - 0.6' - Fine-coarse SAND, trace silt 0.6' - 0.7' - Coarse GRAVEL		SW GP	Wet Moist	PID=0.0 FID=0.0
1		2.0'	Screening 12/17/03 @ 1620		Slightly Dense Slightly Loose	White	0.7' - 0.9' - Fine-coarse SAND 0.9' - 1.0' - Fine-coarse SAND		SW I		
						Gray	1.0' - 1.3' - Fine-coarse SAND, some gravel (composed pieces)	of micaceous			
2						Brown	1.3' - 1.5' - Fine-coarse SAND, trace silt				
		1.2'	SBP-SO-461-0204 Screening			+	0' - 0.2' - Similar to above				PID=0.0 F1D=0.0
3		2.0'	12/17/03 @ 1625			Dark Gray	0.2' - 1.2' - Medium-coarse SAND, trace fine sand				
											<u></u>
4				FOD 0	 	<u> </u>	₩		<u> </u>	<u> </u>	
				EOB @ 4 bgs							
									4		
									· .		ļ
										<u> </u>	
TYPE OF METHOD		RIG: NCING BOR	GEOPROBE - Tr	ack- mounted	d (Rig 2)					Tetra Tec	NUS, Inc.
METHOD METHOD	OF SOIL : OF ROCK	SAMPLING: CORING:	MACRO-CORE O	Open tube co	ntinuous sample	s to 4 feet in 2	foot intervals				t]
GROUND				4 min 1 -	SID CO.						
OTHER O	BSERVAT	IONS:	Phase FID=	<u>A/PID=A</u>	PID failed pm ch	eck Flagr	number 751 Former Landfill area – Dorne Drive E	3ORING NO.: 461		PAGE:	1 OF 1

BORING NO.:

461

BORING LOG FOR:

	BY:	any/Driller): EVATION:	N1369 J. Lambert Aquifer Drilling &	Testing/ Rob	Ullmann		TRANSCRIBED BY:	START DATE: COMPLETION: I MON. WELL NO CHECKED BY:		12/18/03 12/18/03 N/A JD	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS) SBP-SO-462-0002	DEPTH MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD. Slightly	CLR Brown	MATERIAL CLASSIFICATION 0' - 0.2' - Grass/roots 0.2' - 0.5' - Fine-medium SAND, and SILT		USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.) Wet	FIELD SCREENING DATA METHOD = [FID, (PPM)] PID=0.0
1		2.0'	Screening 12/18/03 @ 0855		Loose	Gray	1.0' - 2.0' - Fine-medium SAND, trace gravel (rounded)	d fragments	SW/Fill	Moist	FID=0.0
2		1.1'	SBP-SO-462-0204 Screening		Oli obidi.		0' - 0.7'- Fine-medium SAND, trace gravel				PID=0.0 FID=0.0
3		2.0'	12/18/03 @ 0900		Slightly Dense		0.7' - 1.1' - Similar to above, more dense				
4				EOB @ 4' bgs		<u>+</u>	Note: Refusal (hard) at 3.8'		<u> </u>		
									\$		
TYPE OF	ORILLING F	lie.	GEOPROBE – Trac	k- mounted (Rig 2)						
METHOD METHOD METHOD GROUND		CING BORIN MPLING: ORING: /ELS:		·	nuous samples			OODING NO		Tetra Tech	E
UITER U	DOERVAIR	7NO.	Filase (FID=C	アルーし	List	g number 6	639 Former Landfill area	SORING NO.: 462	2	PAGE: 1	1 OF 1

Former Landfill area

BORING NO .:

BORING NO.:

462

462

BORING LOG FOR:

Raymark OU9 RI/FS

PROJEC1	NO.:		N1369					START DATE:		12/18/0	13	
LOGGED			K. Jalkut				TRANSCRIBED BY: LJD	COMPLETION:	ΠΔΤΕ ·	12/18/0		
DRILLED	BY (Compa	ny/Driller):	Aquifer Drilling &	Testing/S. Pr	zybylski			MON. WELL NO		N/A		
	RFACE ELI						ELEVATION FROM:	CHECKED BY:		JL		·
						-		OHLONED DI.		_ JL		· · · · · · · · · · · · · · · · · · ·
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION		USCS or ROCK BRKN	(moistu odors classif	MARKS re condition; geological ication; rock	FIELD SCREENING DATA METHOD =
			SBP-SO-463-0002	FROFE	naku.	Dark	Grass surface = island in parking lot				ering; etc.)	[FID, (PPM)]
		1.6'	Screening	-	Loose	Brown	SAND – trace silt, trace gravel, organic roots, fine- mostly, 2 pieces coarse gravel to 1.5" subrounded	medium sand	SP/Fill	Grass/roc approxima Dry		FID = 0.0 PID = 0.0
		/ 2°]	0	Yellow-	076-0440-5		SM/Fill	Diy		
1		,	12/18/03 @ 0935		Dense	Brown	Silty SAND, fine-medium sand mostly, poorly grade	ed	1 1	Damp		
										Partial red	covery	
2					+		↓					
		/	SBP-SO-463-0204				SAND - trace silt - trace gravel, fine-medium sand	mostly, trace		Saturated		
		1.2'	Screening		Loose	Brown	coarse gravel 3/4 -1" subrounded		SP/Fill			
		2'	Ociocining			1				Ī		FID = 0.0
3			12/18/03 @ 0940									PID = 0.0
										Partial red	covery –	
										soil		
4							<u> </u>		↓			
				EOB @ 4' bgs			Backfill with Bentonite chips from 4'-1' and topsoil	from 1' – 0'				
								-				
										-		
					- 0				>			
					- 7					 		
TYPE OF	DRILLING R	iG [.]	Geoprobe 4 X 4 Mul	A								
l.		ING BORING		<u>-</u>				_			Tetra Tech	NUS, Inc.
	OF SOIL SA		Macro-core open tub	ne Continuo	is to 4' in 2' inc	rements						\supset
METHOD			N/A			. critorito		-		j		-
1	VATER LEV						· · · · · · · · · · · · · · · · · · ·				(• (-)
OTHER O			Phase I Flag # 689,	former landfil	Il area. location	adiacent to	creek	BORING NO.: 4	63	 -	DAGE	
								JONING NO., 4	<u> </u>		PAGE: 1	OF 1

BORING NO.:

463

TtNUS Form 0018

BORING LOG FOR:

BORING L PROJECT LOGGED I DRILLED I GRD. SUR	NO.: 3Y: 3Y (Compa	any/Driller): EVATION:	N1369 J. Lambert Aquifer Drilling &		Ullmann		TRANSCRIBED BY: DH CO	RING NO.: ART DATE: MPLETION: I N. WELL NO ECKED BY:		464 12/18/03 12/18/03 N/A JD	
								LONED D1.		30	
DEPTH (FEET) 0	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENS TY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION 0' - 0.2' - Grass/roots		USCS or ROCK BRKN	(moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		1.9'	SBP-SO-464-0002 Screening and Confirmation		Slightly Loose	Brown	0.2' - 0.6' - Silty fine-medium SAND, some organics (roots) fragments	and wood	SM	Moist	PID=0.0 FID=0.0
1		2.0'	12/18/03 @ 0925			Light Brown	0.6' - 1.0' - Fine-medium SAND, trace shells		SP/Fill		
			Dup SBP-SO-DUP09			Brown	1.0' - 1.3' - Fine sand, some silt, trace medium sand				
2			12/18/03 @ O928			Light Brown	1.3' - 1.9' - Fine-medium SAND				
•		0.9'	SBP-SO-464-0204 Screening		OF-hills		0' - 0.1' - Similar to above			 	PID=0.0 FID=0.0
3		2.0	12/18/03 @ 0930		Slightly Dense	↓	0.1' - 0.8' - Medium-coarse SAND, trace fine sand, piece of	plastic		Wet	
-					Slightly Loose	Dark	0.8' - 0.9' - Wood fragments, trace sand		Fill		
4										•	
		:		EOB @ 4' bgs		<u></u>					
	·										
						<u> </u>					
TYPE OF D METHOD (METHOD (F ADVANC	CING BORIN	GEOPROBE - Trace G: DIRECT- PUSH MACRO-CORE Op			to 4 feet in 1	2 fact intervals		· · · · · ·	Tetra Tec	h NUS, Inc.
METHOD (GROUNDY	F ROCK C	ORING:	N/A	on tube contin	radas samples	to 4 leet III 2	LIOUT III (G) YAIS				t
OTHER OF			Phase I FID=C	PID= C	Flag numb	er 640	Former Landfill areaOutside of baseball fields BORII	NG NO.: 464	4	PAGE.	1 OF 1

BORING L	OG FOR:		Raymark OU9 RI/	FS				BORING NO .:		465	
PROJECT	NO.:		N1369					START DATE:		12/18/03	
LOGGED	BY:		K. Jalkut				TRANSCRIBED BY: DH	COMPLETION:	DATE:	12/18/03	
DRILLED	BY (Compa	any/Driller):	Aquifer Drilling &	Testing/S. Pr	ryzbylski			MON. WELL N	0.:	N/A	
GRD. SUF	RFACE ELE	VATION:					ELEVATION FROM:	CHECKED BY:		JL	
				5					_		
DEPTH	BLOWS PER	SAMP REC.	SAMPLING TIME	DEPTH	SOIL				uscs	REMARKS	FIELD
(FEET)	6"	INEG.	8	MAT'L CHG./	DENSITY/ CONSIS.		MATERIAL CLASSIFICATION		or	(moisture condition;	SCREENING
(SAMP	SAMPLE NO.	WELL	or ROCK	CLR	CEASSIFICATION		ROCK	odors; geological classification; rock	DATA METHOD =
0	N/A	LENG.	(QA/QC STATUS)	PROF'L	HARD.		Grass surface - island on parking lot		BRKN	weathering; etc.)	[FID, (PPM)]
			SBP-SO-465-0002		Loose	Dark	SAND - trace silt, trace gravel, fine-medium sand n	nostly, poorly	SP/Fili	Grass/root plug	FID=0.0
		1.3'	Screening			Brown	graded, trace coarse sand, fine gravel to 1/2" subrou	nded		Approximately 2"	PID=0.0
		/2.0°	Sciecining					-	6.0		
1			12/18/03 @ 1005								
				1					1.0	Poor recovery	1
										Compressed soil	
2						1	∀				
			SBP-SO-465-0204	1			SAND- trace silt, similar to above - possibly continu	ued from upper			FID=0.0
		1.0'	1 .			₩	interval with exception of gravel		▼		PID=0.0
		2.0'	Screening	1	*	Orange	Silty SAND - fine-medium sand mostly, trace coars	e sand, oxidized,	SM/Fill		FID=0.0
3		/	12/18/03 @ 1010		Denser	Brown	wood chunks, glass shards to 1.25"		1 1	Saturated	PID=0.0
				1	1						
1						↓					
					 	Dark	Silty SAND -similar to above with exception of colo	Г	—		FID=0.0
4					Loose	Gray	FILL - wood chunks, plastic, metal	·	Fill		PID=0.0
				EOB		1	Backfill with bentonite chips (4'-1') and topsoil (1'-0'	<u>'</u>	-		115-0.0
				@ 4' bgs			-relocate point with GPS- outside of 5' limit	,			ļ
<u> </u>				6 5-	—		I soldano ponin mini di di data da di amini		-		<u> </u>
İ									l.		
				4			· · · · · · · · · · · · · · · · · · ·	-	-		
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l .											
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				4					<u> </u>		<u> </u>
				1					f:		
				<u> </u>		J	<u> </u>				<u> </u>
TVPC OF	DRILLING F	NG:	GEOPROBE – 4x4	mule						1 - 1 - 1	1440
		dig: CING BORIN		mule				Note:		Tetra Tech	NUS, Inc.
	OF SOIL SA		MACRO-CORE OF	pen tube conti	inuous sample	s to 4 feet in	2 foot intervals	Refusal at 3' move	further awa		-)
	OF ROCK (N/A					 marked utility line Refusal again at 3 		not	t
1	_, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	• .						nerusar ayani at s	miz auen	.թ. լ	_ ,

Former Landfill area;location next to creek

GROUNDWATER LEVELS: OTHER OBSERVATIONS:

Phase I Flag number 707

1 OF

PAGE:

BORING (Raymark OU9 Ri/	'FS					BORING NO.:		465A		
PROJECT			N1369						START DATE:		1/29/	04	
LOGGED			J. Lambert				TRANSCRIBED BY: _	DH	COMPLETION:	DATE:	1/29/	04	
		any/Driller):	Aquifer Drilling &	Testing/ Rob	Ullmann	· · · · ·			MON. WELL NO	D.:	N/A		
GRD. SUF	RFACE ELE	EVATION:					ELEVATION FROM: _		CHECKED BY:		JD	,	
	DI 014/0	04110		£	fi		2				214-1		
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR		MATERIAL CLASSIFICATION		USCS or ROCK BRKN	(mois odo class	REMARKS sture condition; rs; geological sification; rock athering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
1				D //		1	Refer to Boring Log Numb	er 465 for soil profile detai	Is from 0-4'				
1			No samples collected from 0'- 4' bgs	-									
2				-	ļ	-							
3													
							,,,,,,,						
4													
		1.1' 2.0'	SBP-SO-465A-0406 Screening		Slightly Loose	Gray Black Dark -	0' - 0.4' - Medium-coarse \$ 0.4' - 0.5' - Fine-coarse \$A 0.5' - 0.6' - Medium-coarse	ND		SP	Wet		PID=0.0 FID=95.3
5		/	1/29/04 @ 1510	-		Gray	0.6' - 1.1' - Fine sandy SIL		el	₩ ML	 		
						1			· · · · · · · · · · · · · · · · · · ·				
6				EOB @		+		<u></u>		+	→		
		·		6' bgs		-				,			
				N 7							<u> </u>		L
	DRILLING R		GEOPROBE - Trac	k- mounted (f	Rig 2)				- Note:			Tetra Tech	NUS, Inc.
l .		CING BORIN					F41-4		Phase II Screening	= Asbest	os and		
	OF SOIL SA		MACRO-CORE Op	en tube contir	nuous sample	s to 4 feet in 2	toot intervals			Metals	os unu	▎	
4	OF ROCK C		N/A	hae					_			[-	L-j
1	GROUNDWATER LEVELS: Approximately 5.0' bgs OTHER OBSERVATIONS: Phase II FID=B PID=B Old Flag number 70						Former Landfill area # = = -	anaball field and in a let	DODING NO.	054			
DIHERO	DOEKVAIIC	NO:	Phase II FID=8		Old Flag	number 70/	Former Landfill area-near b	pasebali field parking lot	LBURING NO.: 4	65A		PAGE: 1	OF 1

BORING LOG FOR: PROJECT NO.: LOGGED BY: DRILLED BY (Company/Driller): GRD. SURFACE ELEVATION: BLOWS SAMP SAMPLING DEPTH SOIL							TRANSCRIBED BY: DH CO	RING NO.: ART DATE: MPLETION: DATE: DN. WELL NO.: ECKED BY:	466 12/18/03 12/18/03 N/A JD	
	BLOWS	SAMP	SAMPLING	DEDTI-					i i i i i i i i i i i i i i i i i i i	
DEPTH (FEET) 0	PER 6" N/A	REC. / SAMP LENG.	TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION 0' - 0.2' - Grass/roots	USCS or ROCK BRKN	(moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		1.6'	SBP-SO-466-0002 Screening		Slightly Loose	Brown	0.2' - 1.1' - Silty five-medium SAND, some coarse sand	SM 	Moist	PID=0.0 FID=0.0
1		2.0'	12/18/03 @ 1010			Dark Brown	1.1' - 1.2' - Fine sandy SILT		1	
						Brown	1.2' - 1.3' - Silty fine-medium SAND	+		
2						Gray	1.3' - 1.6' - Fine-coarse SAND and GRAVEL	sw		
			SBP-SO-466-0204 Screening		Slightly Dense		Silty fine-medium SAND	SM		PID=0.0 FID=0.0
3			12/18/03 @ 1015							
4					1	•	V	T]	
				EOB @ 4' bgs						
										l)
								,		
METHOD (OF ADVANC OF SOIL SA	CING BORIN MPLING:	GEOPROBE – Trac G: DIRECT- PUSH MACRO-CORE Op N/A			to 4 feet in 2	? foot intervals		Tetra Tecl	NUS, Inc.
GROUNDY OTHER OF	VATER LEV	/ELS:		PID= C FI	ag number 641	Former	.andfill area -beyond outfield in E. baseball diamond BORI	NG NO.: 466	PAGE;	1 OF 1

BORING L	OG FOR:		Raymark OU9 RI/	FS					BORING NO.:		466A	
PROJECT	NO.:		N1369						START DATE:		2/2/04	
LOGGED	BY:		J. Lambert					TRANSCRIBED BY:DH	COMPLETION: D	ATE:	2/2/04	
DRILLED	BY (Compa	any/Driller):	Aquifer Drilling &	Testing/ Rob	Ullmann		_		MON. WELL NO.		N/A	
	RFACE ELE			,			_	ELEVATION FROM:	CHECKED BY:	•	JD	
									ONEONED BY:			
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITION OF ROCE	Y/ S. CK (CLR	MATERIAL CLASSIFICATION		USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
						1		Refer to Boring Log Number 466 for soil profile deta	ails from 0-4'			, , , , , , , , , , , , , , , , , , , ,
1		:	No samples collected from 0-4' bgs		-	+	·				_	
						1						
2												
3												
4												
		1.2'	SBP-SO-466A-0406		Slight		ark rown	0' - 0.4' - Silty fine-medium SAND		SM	Moist petroleum odor	PID=0.0 FID=0.0
5		2.0'	Screening 2/2/04 @ 1425			-	ark Gray	0.4' - 1.2' - Fine-coarse SAND, some wood fragme subangular - angular gravel	ents, trace	sw	- `	71D=0.0
			2201 6 120	1						\top		
6									·		- ↓	
,		0.7'	SBP-SO-466A-0608					Similar material to above			Wet	PID=5,4
7		2.0'	Screening 2/2/04 @ 1440							3		FID=74.6
						1						
8				EOB @ 8' bgs	\		+	\	-	+	 	
			05000000		D: 0:							
1	DRILLING F		GEOPROBE – Trac	ck- mounted (I	KIG 2)						Tetra Tech	NUS, Inc.
1		CING BORIN							_			
	OF SOIL SA		MACRO-CORE OF	en tube conti	nuous san	npies to 4	eet in :	2 toot intervals	_			- I
	OF ROCK (WATER LE\		N/A						_			L

Phase II FID=D / PID=D FID failed pm check Old Flag number 641 Former Landfill area – outside baseball field BORING NO.:

OTHER OBSERVATIONS:

PAGE:

466A

BORING I	OG FOR:		Raymark OU9 Rt/	/FS				BORING NO.:		467		
PROJECT	NO.:		N1369					START DATE:		12/1	8/03	
LOGGED	BY:		K. Jalkut				TRANSCRIBED BY:LJD	COMPLETION	: DATE			
DRILLED	BY (Comp	any/Driller):	Aquifer Drilling &	Testing/S, Pr	rzybylski			MON. WELL N		N/A		
GRD. SUF	RFACE ELI	EVATION:						CHECKED BY		JL		
		т			,		TVCOm/minutes					
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENS TY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION Grass surface = island in parking lot		USCS ROC BRK	or (moi K odd N clas	isture condition; ors; geological ssification; rock eathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
-		1.3'	SBP-SO-467-0002		Loose	Brown	Silty SAND – trace gravel, organic roots - Fine-medium poorly graded, 1 piece fine gravel to ½" subrounded	sand mostly,	SM/F	ill Grass/	root plug = ximately 3"	i io, (i i iii)
1		2'	Screening 12/18/03 @ 1105		\	White	CRUSHED ROCK = ~3 in		Fill	Soggy		FID = 0.0 PID = 0.0
				1	Dense	Brown	Silty SAND – trace gravel, fine-medium sand mostly, tra sand, fine gravel to ½" subrounded	ce coarse	SM/F	Packe	d Soil/damp	FID = 0.0 PID = 0.0
2						—				Partial Compr	recovery ressed soil	
		1.7'	SBP-SO-467-0204 Screening and			Dark Brown	Silty SAND - trace gravel, fine-medium sand mostly, trace sand, fine gravel to ½" subrounded, Organic roots, organic	ce coarse nic material		Backed Damp	lioS t	FID = 38 PID = 0.0
3		/ 2'	confirmation 12/18/03 @ 1110		_ 					Damp		FID = 11 PID = 0.0
					Loose		SAND and GRAVEL - fine-coarse sand, well graded. Fir gravel to ½-1 ½ *, subrounded		SW-G			FID = 12.7 PID = 0.0
4				500.0	Dense		Silty SAND - fine-medium sand, poorly graded, trace co	arse sand	SM/F	- 1	7 3011	FID = 0.0 PID = 0.0
				EOB @ 4' bgs			Backfill with Bentonite chips (4' - 1') and topsoil (1'- 0')			_		<u></u>
				-								
												-
												
												<u> </u>
										-		
						ļ						
1	DRILLING F		Geoprobe 4 X 4 Mu	le							Tetra Tech	NUS, Inc.
		CING BORING		L. O. "								$\overline{}$
1	OF SOIL SA		Macro-core open tu	De. Continuo	us to 4' in 2' inc	rements						I -l
	OF ROCK C		N/A								[1	Tar j
	WATER LEV		Di # ***		<u> </u>							
OTHER O	BSERVATION	JNS:	Phase I Flag # 662	, tormer landfi	ii area		B	ORING NO.: 4	167		PAGE: 1	1 OF 1

BORING L			Raymark OU9 R	RI/FS					BORING NO.:	:	468		
PROJECT LOGGED			N1369 J. Lambert						START DATE	-	12/18	3/03	
DRILLED		any/Drillar)		Tooting/ Do	h I IIImaaa		TRANSCRIBED BY:	DH	COMPLETION		12/18	3/03	
GRD SUE	RFACE ELI	EVATION:	. Aquilei Dilling o	x resung/ Ro	o Olmann		ELEVATION SPOR		MON. WELL I		N/A		
		- 47 (170) (1.					ELEVATION FROM:		CHECKED BY	/ :	JD		
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR		MATERIAL ASSIFICATION		USCS or ROCK BRKN	(mois odo clas	REMARKS sture condition; prs; geological sification; rock	FIELD SCREENING DATA METHOD =
		1.8'	SBP-SO-468-0002		Loose Slightly	Brown Dark Gray	0.2' - 0.3' - Fine sandy SILT, : 0.3' - 0.5' - Fine-medium SAN	some organics (roots)	· .	ML	Wet	athering; etc.)	[FID, (PPM)] PID=0.0
1		2.0'	Screening 12/18/03 @ 1100		Loose	Gray Brown	0.5' - 0.7' - Similar to above (c 0.7' - 1.1' - Sitty fine SAND, so	color change only)		\$P ▼	₩		FID=0.0
					Slightly Dense	Dark Brown	1.1' - 1.5' - Sifty fine SAND	one medium sand		SM	Moist		
2					Slightly Loose	Black	1.5' - 1.8' - Charcoal, some fir	ne-coarse sand		Fill	Wet		
		1.4'/	SBP-SO-468-0204			Gray	0' - 0.6' - Fine-medium SAN	D		SP			PID=0.0
3		2.0'	Screening 12/18/03 @ 1105			\	0.6' - 1.2' - Fine SAND						FID=0.0
						Dark Brown	1.2' - 1.4' - Fine-medium SAN fragments	D, some silt, some gla	ass, wood	SP/Fill			1
4	i					\top		,					
				EOB @ 4' bgs							V		
		:											
,		-											
								<u> </u>		,			
TYPE OF D	F ADVANC F SOIL SA	ING BORIN MPLING:	MACRO-CORE O			to 4 feet in 2 fo	oot intervals				-	Tetra Tech	NUS, Inc.
METHOD C GROUNDW OTHER OB	ATER LEV	ELS:	N/A Phase I FID=C	PID=C	Flag numi	ner 618 Eo	rmer Landfill area –outside of ba	nobell fields	Populo				<u> </u>
				. ,5 -0	- Jug Halli	010 FU	mer candill area -outside of ba	sevali lielos	BORING NO.:	468		PAGE: 1	OF 1

BORING L			Raymark OU9 RI/	FS					BORING NO.:		469	
PROJECT			N1369		<u></u>				START DATE:		12/18/03	
LOGGED E		(D. 111)	J. Lambert				TRANSCRIBED BY:	DH	COMPLETION:		12/18/03	
		any/Driller):	Aquifer Drilling &	lesting/Rob	Ullmann		E. E. (1800)		MON. WELL NO		N/A	
GRD. SUR	FACE ELE	EVATION:					ELEVATION FROM:		CHECKED BY:		JD	
	BLOWS	SAMP	SAMPLING	DEPTH	SOIL						0000000	
DEPTH	PER	REC.	TIME	MAT'L	DENSITY/			MATERIAL		USCS	(moisture condition	FIELD n; SCREENING
(FEET)	6"	/	&	CHG./	CONSIS.		CL	ASSIFICATION		or	odors; geologica	DATA
0	N/A	SAMP LENG.	SAMPLE NO. (QA/QC STATUS)	WELL	or ROCK	CLR	l			ROCK BRKN	classification; roc	k METHOD =
0	1117	LLINO.		PROF'L	HARD.		0' - 0.2' - Grass/roots				weathering; etc.	
		402	SBP-SO-469-0002		Slightly	Gray	0.2' - 0.9' - Fine-medium SA			SP	Moist	PID=0.0
		1.9'	Screening	1	Loose	Brown	0.9' - 1.0' - Fine-medium SA				10	FID=0.0
L		2.0'	-	J		Gray	1.0' - 1.2' - Fine-medium SA	N D			U	
1			12/18/03 @ 1130								<u> </u>	
1						Brown	1.2' - 1.3' - Fine-medium SA	ND, some silt, trace gra	ivel			
					<u> </u>					₩ .		
L				(1)	Slightly	Gray	1.3' - 1.6' - Fine-medium SA	ND, trace coarse sand		SW	1 1	-
2				Y	Dense	Dark Brown	1.6' - 1.9' - Fine SAND, trace	e silt		SP		
			SBP-SO-469-0204			1	0' - 0.9' - Similar to above			i		PID=0.0
		1.6'	Screening									FID=0.0
		2.0'	Screening			+		· · · · · · · · · · · · · · · · · · ·		₩	1 1	
3			12/18/03 @ 1135			Brown	0.9' - 1.6' - Fine-medium SA	ND, trace gravel, trace	coarse sand	SW		
												-
						1						
4					▼]					
				EOB @								
ŀ				4 bgs								
				- 9	7				 -	-		
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TYPE OF D	RILLING R	RIG:	GEOPROBE - Trac	k- mounted (l	Rig 2)				·		Tetra	Tech NUS, Inc.
METHOD (F ADVAN	CING BORIN									1000	
METHOD (OF SOIL SA	MPLING:	MACRO-CORE Op	en tube conti	nuous samples	to 4 feet in 2 fo	oot intervals				f	
METHOD (F ROCK C	ORING:	N/A									It
GROUNDY												
OTHER OF	SERVATIO	ONS:	Phase FID= C	PID= C	Flag nu	mber 619	Former Landfill area – outs	side of baseball fields	BORING NO.: 4	39	PAGE:	1 OF 1
												TtNUS Form 0018

	NO.: BY:	any/Driller): EVATION:	Raymark OU9 RIA N1369 J. Lambert AQUIFER DRILLI		ING/ Rob		TRANSCRIBED BY:	BORING NO.: START DATE: COMPLETION: MON. WELL NO CHECKED BY:	O.:	470 12/18/03 12/18/03 N/A JD	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION		USCS or ROCK BRKN	(moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
1		1.8' 2.0'	SBP-SO-470-0002 Screening 12/18/03 @ 1330		Slightly Loose	Red- Brown Gray	0' - 0.2' - Grass/roots 0.2' - 0.7' - Fine SAND, some organics (roots 0.7' - 1.8' - Fine-medium SAND, trace seash		SP	Moist	PID=0.0 FID=0.0
										Wet	
2		1.4'	SBP-SO-470-0204 Screening			Dark Brown	0' - 0.2' - Similar to above 0.2' - 0.4' - Silty fine-medium SAND, some pl	astic, roots	SM/Fill		PID=0.0 FID=172.9
3		<i>y</i> =	12/18/03 @ 1335		Slightly Dense	Light Brown	0.4' - 1.4' - Fine-coarse SAND, some gravel,	some silt, trace charcoal	SW/Fill	Moist	
4				EOB @ 4' bgs	 		•	•	—		
				-							
									,		
									*		
TYPE OF	DRILLING F	iiG:	GEOPROBE – Trac	ck- mounted (Rig 2)	<u> </u>					
METHOD METHOD METHOD		CING BORIN MPLING: ORING:				s to 4 feet in 2 f	oot intervals			Tetra Tech	NUS, Inc.

Former Landfill area –outside of baseball fields BORING NO.:

Flag number 598

OTHER OBSERVATIONS:

Phase | FID=C

PID≃C

PROJECT LOGGED	BY: BY (Comp	any/Driller): EVATION:	N1369 K. Jalkut Aquifer Drilling &		rzybylski			DATE: ETION: DATE; VELL NO.:	471 12/18/03 12/18/03 N/A JL	
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION Asphalt surface = approximately 3 inches	USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		1.4'	SBP-SO-471-0002 Screening		Loose	Light Brown	SAND – some gravel, mostly fine-coarse sand, trace coarse s fine-coarse 1/4-11/2" subrounded gravel	and, SP-GP/	Used dedicated drill bit through asphalt	FID = 0.0 PID = 0.0 FID = 322
1		,	12/18/03 @ 1335		Denser	Dark Brown	— SAND – trace silt – trace gravel, fine-medium sand mostly, fir gravel to ½" subrounded, glass, metal shards to 1.5", organic organic material	e roots,	Compressed soil – packed Poor recovery 0-2' Wet sand	PID = 0.0 FID = 31.7 PID = 0.0
3		0.6' 2'	SBP-SO-471-0204 Screening 12/18/03 @ 1342		Dense	Brown - Black	SAND – trace silt – trace fine gravel to ½" subrounded, fine-m sand, similar to above, glass SAND and SILT mixture with cloth, glass, rubber; mostly silt s with fine-medium sand intervals ½" thick		Saturated Poor recovery – compressed soil	FID = 0.0 PID = 0.0 FID = 0.0 PID = 0.0
4			1			*		.	-	
				EOB @ 4' bgs			Backfill with chips (4' - 0.25') asphalt cold patch (0.25' - 0')			
,								,	-	
				10	1				1	

TYPE OF DRILLING RIG: METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING:	Geoprobe 4 X 4 Mule Direct-Push Macro-core open tube. Continuous to 4' in 2' increments N/A	- Note: refusal at 1.5' initially - moved - location 1-2'	Tetra Tech NUS, Inc.
GROUNDWATER LEVELS:			
OTHER OBSERVATIONS:	Phase I Flag # 658, former landfill area	BORING NO.: 471	PAGE: 1 OF 1

PROJECT LOGGED I DRILLED I GRD. SUF	NO.: BY:		N1369 J. Lambert AQUIFER DRILLI		NG/ Rob		TRANSCRIBED BY: DH COM	ING NO.: RT DATE: IPLETION: DA I. WELL NO.: CKED BY:		472 12/18/03 12/18/03 N/A JD	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION		USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
1		1.9' 2.0'	SBP-SO-472-0002 Screening 12/18/03 @ 1405		Slightly Loose	Gray- Brown	0' - 0.2' - Grass/roots 0.2' - 0.8' - Fine SAND, some silt, trace organics (roots) 0.8' - 1.5' - Fine-medium SAND, trace shells		SP	Moist	PID=0.0 FID=0.0
2 _						Gray	1.5' - 1.9' - Fine-medium SAND				
3		1.3' 2.0'	SBP-SO-472-0204 Screening and Confirmation 12/18/03 @ 1410			Brown	0' - 0.2' - Similar to above 0.2' - 0.5' - Fine sandy SILT 0.5' - 0.9' - Decayed leaves/wood fragments, ash, some silt, glass	charcoal,	M L	Wet	PID=0.0 FID=0.0
						Gray	0.9'-1.3' Fine-medium SAND		SP		
4				EOB @ 4' bgs						V	
		:									
, !									\$		
METHOD (METHOD (DRILLING R OF ADVANC OF SOIL SA OF ROCK C	CING BORIN MPLING: ORING:	GEOPROBE - Trac G: DIRECT- PUSH MACRO-CORE Op N/A			to 4 feet in 2	2 foot intervals				th NUS, Inc.

Former Landfill area

OTHER OBSERVATIONS:

Phase I FID= C

PID= C

Flag number 576

PAGE:

BORING I	OG FOR:		Raymark OU9 RI/ N1369	/FS			BORING NO. START DATE		473 12/18/03	
LOGGED	BY:		K. Jalkut				TRANSCRIBED BY: <u>LJD</u> COMPLETION	N: DATE:	12/18/03	
DRILLED	BY (Compa	any/Driller):	Aquifer Drilling &	Testing/S. Pi	rzybylski		MON, WELL	NO.:	N/A	
GRD. SUF	RFACE ELE	EVATION:					ELEVATION FROM: CHECKED BY	/ :	JL	
	1	04445	0.11.001.01.0	*						-
DEPTH	BLOWS	SAMP REC.	SAMPLING TIME	DEPTH	SOIL			uscs	REMARKS	FIELD
(FEET)	PER	/	& &	MAT'L CHG./	DENSITY/ CONSIS.		MATERIAL CLASSIFICATION	or	(moisture condition;	SCREENING
(· ,	6"	SAMP	SAMPLE NO.	WELL	or ROCK	CLR	CLASSIFICATION	ROCK	odors; geological classification; rock	DATA
0	NA	LENG.	(QA/QC STATUS)	PROF'L	HARD.	OLIN	Grass surface – near ballfield parking lot	BRKN	weathering; etc.)	METHOD = [FID, (PPM)]
			SBP-SO-473-0002			Dark	SAND - some silt - trace gravel - organic roots, mostly fine-medium	SP/Fill	Grass/root plug =	FID = 0.0
					Loose	Brown	sand, trace coarse sand, fine gravel 1/4-1/2", subrounded, roots		approximately 2"	PID = 0.0
			Screening						·	
1			12/18/03 @ 1415			\ \	↓			
		-		1		Tan -	SAND, fine-medium sand mostly, poorly graded, seashells		Wet sand	FID = 0.0
ŀ						Gray]		Wot sand	PID = 0.0
				İ				+ +		F1D = 0.0
2										}
			SBP-SO-473-0204	1					Coturated acad	
			051 00 110 0201						Saturated sand	
			Screening			 		-		<u> </u>
3			12/18/03 @ 1420				▼	1		FID = 1.3
-			12/10/03 (@ 1420	4	──	Davis	CAND 4			PID = 0.0
İ					Dense	Dark Grav	SAND – trace silt – fine-medium sand mostly, poorly graded, 1/8" thick intervals of silt, organics	1 1		
					Dense	Glay		· V		ļ
l .					1	51	SAND- some silt- some gravel – fine-medium sand mostly, trace coarse sand, fine-coarse gravel ½-1¼" gravel, organics (roots, reeds)	SM/GM		FID = 7.0
4				ļ- <u></u>		Black	Coalse sand, line-coalse graver /2-1/2 graver, organics (roots, reeds)	Fill		PID = 0.0
				EOB @						
<u> </u>				4' bgs			Backfill with Bentonite chips (4' - 1') and topsoil (1' - 0')			<u> </u>
				4						
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TVDE OF	DRILLING F	NC.	Geoprobe 4 X 4 Mu							
1		(16: CING BORIN							Tetra Teci	n NUS, Inc.
	OF ADVAN		Macro-core open tu	he Continuo	us to 4' in 2' in	remente				$\overline{}$
	OF SOIL SA		N/A	oo, continuo	W T III E III	J. GILIGILIA		5		█▁▎
	WATER LEV			•)

Phase | Flag # 591, former landfill area

OTHER OBSERVATIONS:

PAGE:

BORING L PROJECT LOGGED I DRILLED I GRD. SUF	NO.: BY: BY (Compa	any/Driller):	Raymark OU9 RI/ N1369 J. Lambert AQUIFER DRILLI		NG/ Rob		TRANSCRIBED BY:	BORING NO.: START DATE: COMPLETION MON. WELL N CHECKED BY	Ю.:	474 12/1 12/1 N/A JD		
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION		USCS or ROCK BRKN	(moi odd clas	isture condition; ors; geological ssification; rock eathering; etc.)	FIELD SCREENING DATA METHOD =
		1.9'	SBP-SO-474-0002 Screening		Slightly Loose	Dark Red	0' - 0.2' - Grass/roots 0.2' - 0.8' - Fine SAND, trace silt		SP	Moist	autening, etc.)	[FID, (PPM)] PID=0.0 FID=14.1
1		2.0'	12/18/03 @ 1430		<u></u>	Gray Light Brown	0.8' - 1.1' - Fine-medium SAND 1.1' - 1.4' - Fine sandy SILT		₩ ML			
					Slightly Dense	Gray Black	1.4' - 1.6' - Fine-medium SAND 1.6' - 1.7' - Fine sandy SILT, some burnt wood (possible burn layer)	SP ML/Fill			
2	-		SBP-SO-474-0002	 		Dark	1.7' - 1.9' - Fine SAND, some silt Fine sandy SILT, trace gravel (rounded), ash at	0.7'	SP ML/Fill		<u> </u>	DID on
		0.7'	Screening			Brown	and the state of t		WICHIO	-		PID=0.0 FID=169.8
3			12/18/03 @ 1435	<u> </u>						-		
4										-		<u> </u>
*				EOB @ 4' bgs		V	Note: refusal at 3.7'			<u> </u>		
				<u> </u>								
										8		
				1					_			
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-												
			1								·	
TYPE OF C METHOD C METHOD C METHOD C GROUNDV OTHER OE	OF ADVANC OF SOIL SA OF ROCK C VATER LEV	CING BORING MPLING: CORING: VELS:	GEOPROBE - Trac G: DIRECT- PUSH MACRO-CORE OP N/A 'Phase I FID= C	•	nuous samples	to 4 feet in 2 fo		BORING NO.:	174		Tetra Tech	E

	BY (Compa	any/Driller):	K. Jalkut Aquifer Drilling &	Testing/S. Pi	zybylski		TRANSCRIBED BY:LJD	COMPLETION: MON. WELL NO	0.:	12/18/03 N/A	
GRD. SUF	RFACE ELI	EVATION:					ELEVATION FROM:	CHECKED BY:		JL	
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS) SBP-SO-475-0002	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION grass surface – on island in parking lot SAND – trace gravel, fine-coarse sand, well graded,	fine group 1/ 1/ "	USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
1		2' 2'	Screening 12/18/03 @ 1500		Loose	Gray	subrounded, organic roots	, sine graver 74-72	SW/Fill	Grass/root plug = approximately 2* Damp	FID = 0.0 PID = 0.0
2			SBP-SO-475-0204								
		2'	Screening			+	*		₩		
3		/ 2'	12/18/03 @ 1505			Dark Brown	1 inch interval of dark brown silty SAND, fine-medius graded and organic roots	m sand, poorly	SM/Fill		FID = 0.0 PID = 0.0
						Brown - Gray	SAND - trace gravel; similar to above		SW/Fill		+
4			-		\	↓			↓	+	FID = 0.0 PID = 0.0
·				EOB @ 4' bgs			Backfill with Bentonite chips (4' - 1') and topsoil (1'	- 0')			
		:									
				-							
,									>		
METHOD METHOD METHOD	DRILLING F OF ADVAN OF SOIL SA OF ROCK (WATER LE	CING BORIN AMPLING: CORING:	Geoprobe 4 X 4 Mu G: Direct-Push Macro-core open tu N/A		us to 4' in 2' inc	crements		FID/PID = B		Tetra Te	ch NUS, Inc.
	BSERVATIO		Phase I Flag # 724	; former landf	ill area			BORING NO.: 4	75	PAGE:	1 OF 1
											1111US FORTH 0018

475

12/18/03

BORING NO .:

START DATE:

BORING LOG FOR:

PROJECT NO.:

Raymark OU9 RI/FS

N1369

BORING L			Raymark OU9 RI/	FS			BORING NO.		476	<u> </u>
PROJECT			N1369				START DATE		12/18/03	
LOGGED			J. Lambert				TRANSCRIBED BY:DH COMPLETIO		12/18/03	
DRILLED I			Aquifer Drilling &	Testing/ Rob	Ullmann		MON. WELL		N/A	
GRD. SUR	FACE ELE	EVATION:					ELEVATION FROM: CHECKED BY	Y:	JD	
	BLOWS	SAMP	SAMPLING	DEPTH	1000					a
DEPTH	PER	REC.	TIME	MAT'L	SOIL DENSITY/		MATERIAL	uscs	REMARKS	FIELD
(FEET)	6"	1	&	CHG./	CONSIS.		CLASSIFICATION	ОГ	(moisture condition; odors; geological	SCREENING DATA
	****	SAMP	SAMPLE NO.	WELL	or ROCK	CLR		ROCK	classification; rock	METHOD =
0	N/A	LENG.	(QA/QC STATUS)	PROF'L	HARD.		0' - 0.2' - Grass/roots	BRKN	weathering; etc.)	[FID, (PPM)]
†			SBP-SO-476-0002		Slightly	Dark Red	0.2' - 0.5' - Fine-medium SAND, trace silt	SP	Moist	PID=0.0
		2.0'	Screening	D 1	Loose	Gray	0.5' - 0.6' - Fine-medium SAND			FID=1.2
		2.0'	Corcerning	h .		Dark Brown	0.6' - 0.7' - Fine-medium SAND (color change only)		1	
1		/	12/18/03 @ 1500			Gray	0.7' - 0.8' - Fine-medium SAND, (color change)	▼		
				1		Dark	0.8' - 2.0' - Fine-medium sandy SILT, trace gravel, wood fragments	ML		
					ll I I	Brown	, , , , , , , , , , , , , , , , , , , ,	III T		
									1 1	
2										
F			SBP-SO-476-0204	1			0' - 0.7' - Fine sandy SILT, trace wood fragments	1	 	DID 0.0
		1.3'	051-00-475-5204	1	11 1	1	0 - 0.7 - Time sandy SILT, trace wood tragitients	H T		PID=0.0
		2.0'	Screening			- V	O 71 4 21 CUL ST	- V		FID=25.5
١		/ 2.0	42/40/02 @ 4505		l I	Brown	0.7' - 1.3' - Silty fine-medium SAND, trace wood, trace fine gravel	SM	.	
3		/	12/18/03 @ 1505	1				1		
				1 0				0		
					1 1		₩			
4									↓	
				EOB @						
				4' bgs				1		
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TYPE OF D	מינו וומי		GEORGORE T	ak mounted (Dia 2)			-1	<u> </u>	4
		iig: Cing Borin	GEOPROBE - Trac G: DIRECT- PUSH	.k- mounted ()	rug <i>z)</i>				Tetra Tech	NUS, Inc.
			MACRO-CORE OF	on tubo conti	nuous samalas	to 4 foot in 0 f	not intervale			
METHOD (en tube contil	nuous samples	to 4 leet in 2 fo	DOLINGIYAIS			-
METHOD (N/A						 	L-j
OTHER OF			Phase I FID= C	PID= C	Flag n	umber 528	Former Landfill area – just beyond baseball fields BORING NO.:	476		
OTHER OF	WEIVAU II	,	110001 110-0	, ID- 0	r lag II	unider 020	Torrison Carrollin area - Just beyond baseball fields BORTING NO.:	476	PAGE: 1	
										tNUS Form 0018

BORING I	OG FOR:		Raymark OU9 RI/	FS				BORING NO.:		477		
PROJECT	NO.:		N1369					START DATE:		12/18/0	3	
LOGGED	BY:		J. Lambert	•			TRANSCRIBED BY:DH	COMPLETION:	DATE:	12/18/0		-
		any/Driller):	AQUIFER DRILLI	NG & TESTI	NG/ Rob			MON. WELL NO	O.:	N/A		
GRD, SUF	RFACE ELI	EVATION:					ELEVATION FROM:	CHECKED BY:		JD		
	BLOWS	SAMP	SAMPLING			_						4
DEPTH (FEET)	PER 6"	REC. / SAMP	TIME & SAMPLE NO.	DEPTH MAT'L CHG./ WELL	DENSITY/ CONSIS. or ROCK	CLR	MATERIAL CLASSIFICATION		USCS or ROCK	(moistu odors;	MARKS re condition; geological cation; rock	FIELD SCREENING DATA METHOD =
0	N/A	LENG.	(QA/QC STATUS)	PROF'L	HARD.		0' - 0.2' - Grass/roots		BRKN	weath	ering; etc.)	[FID, (PPM)]
		1.7'	SBP-SO-477-0002 Screening		Slightly Loose	Dark Red	0.2' - 0.4' - Silty fine SAND, trace organics (roots)		SM	Moist		PID=0.0 FID=15.5
		2.0'	Screening	1		Gray	0.4' - 0.8' - Fine-medium SAND		SP	1		
1		_	12/18/03 @ 1540			Brown	0.8' - 0.9' - Fine SAND, trace silt					
					Slightly Dense	Gray Dark Brown	0.9' - 1.1' - Fine-medium SAND, trace shells 1.1' - 1.2' - Silty fine SAND		▼ SM			
·					Slightly	Dark Gray	1.2' - 1.7' - Silty fine SAND, trace textile (yarn/rug frag	amont groon)		1		
2					Loose		wood fragments	gitterit- green),	SM/Fill			
		1.0' /	SBP-SO-477-0204		Slightly	Black	0' - 0.1' - Silty fine SAND		SM			PID=0.0
			Screening		Dense	_						FID=0.0
3		2.0'	12/18/03 @ 1545			Light Brown	0.1' - 0.7' - Fine-medium SAND, some silt, trace plasti	ic, wood fragments	SP/Fill			
									 			
4					+	+	0.7' - 1.0' - Fine-medium SAND, some silt, some grave	el	SP	*		
				EOB @ 4' bgs								
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				<u> </u>			IL.					
ľ	DRILLING F		GEOPROBE - Trac	k- mounted (I	Rig 2)				-		Tetra Tech	NUS Inc
ł.		CING BORIN										
	OF SOIL SA		MACRO-CORE Op	en tube conti	nuous sample	es to 4 feet in 2	2 foot intervals				(- 10 -	-
	OF ROCK (WATER LEV		N/A			<u> </u>						لما

Former Landfill area –beyond baseball fields BORING NO.:

477

OTHER OBSERVATIONS:

Phase I FID=C

PID=C

Flag number 507

PROJECT LOGGED			N1369 K. Jalkut				START DATE: TRANSCRIBED BY: LJD COMPLETION	· DATE:	12/18/03 12/18/03	
	BY (Compa	nv/Driller):	Aquifer Drilling &	Testing/S. Pr	zvbvlski		MON. WELL N		N/A	
	RFACE ELE	•					ELEVATION FROM: CHECKED BY:		JL	
				Street Street Street	Contract of the last				processors and the same and the	
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION Asphalt surface – approximately 4" thick, parking lot	USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		2' /	SBP-SO-478-0002		Loose	Brown	SAND – some gravel, fine-medium sand mostly, trace coarse sand, poorly graded, fine-coarse subrounded gravel to ½-1"	sw	Used dedicated drill bit through asphalt	E - 1 (1
1		2'	Screening 12/19/03 @ 0920						Damp	FID = 20 PID = 0.0
	-			1		Dark Gray	SAND - fine-medium sand, poorly graded, ceramic tiles	SP/Fill		FID = 49.2 PID = 0.0
2					Dense	Black	Sandy SILT – mostly silt with fine-medium sand, trace fine gravel to ½" subrounded, organic fibers	SM/Fill	Damp	
		2	SBP-SO-475-0204		Loose	Brown	Silty SAND -trace gravel, fine-medium sand, trace coarse sand, poorly graded, fine gravel to ½" subrounded		Saturated sand or fines	FID = 85.9 PID = 0.0
3		2'	Screening 12/19/03 @ 0925		Dense	Black				FID = 20 PID = 0.0
							Similar to above with exception of color, consistency and presence of fill (plastic or glass shards to 1.5", burned wood chunks)		Damp only	
4						+	Broken or crushed rock at end of sleeve			FID = 8.9 PID = 0.0
				EOB @ 4' bgs			Backfill with bentonite chips (4' – 0.25') and cold patch asphalt (0.25' – 0')	,		
					ļ					<u> </u>
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					ļ			ļ		
						<u> </u>		3		
										<u> </u>
	DRILLING R		Geoprobe 4 X 4 Mu G: Direct-Push	ile					Tetra Tech	NUS, Inc.
	OF ADVANG OF SOIL SA	CING BORIN	G: <u>Direct-Push</u> Macro-core open tu	he Continue	us to 4' in 2' inc	croments				
METHOD	OF ROCK C WATER LE\	ORING:	N/A	oo. Continuo	40 (UT III Z III	O GINGING				L)
	RSFRVATIO		Phase I Flag # 635	: former landfi	ill area		BORING NO.	178	PAGE: 1	

BORING NO .:

478

Raymark OU9 RI/FS

BORING LOG FOR:

BORING LOC PROJECT NO LOGGED BY DRILLED BY GRD. SURFA	O.: ': ' (Compa	•	Raymark OU9 RI/ N1369 J. Lambert AQUIFER DRILLI		NG/ Rob		## BORING NO. START DATE TRANSCRIBED BY:	:: N: DATE; NO.;	479 12/19/03 12/19/03 N/A JD	
	PER 6"	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION 0' - 0.2' - Grass/roots	USCS or ROCK BRKN	(moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
1		1.6' 2.0'	SBP-SO-479-0002 Screening 12/19/03 @ 0940		Slightly Dense	Dark Red	0' - 0.5' - Silty fine SAND, some organics (roots) 0' - 0.7' - Fine-medium SAND 0.7' - 1.2' - Silty fine SAND, some medium sand trace gravel (rounded)	SM SP SM	Moist	PID=0.0 FID=60.1
						Dark Brown	Silty fine SAND, some organics (roots), trace medium sand, some wood pieces	SIM	Wet	
2		1.1'	SBP-SO-479-0204 Confirmation				0' - 0.6' - Similar to above		Wet	PID=0.0 FID=108.6
3		/ 2.0	12/19/03 @ 0945				0.6' - 1.1' - Silty fine SAND, some gravel		Moist	
4				EOB @				—	1	
				4' bgs						
		;							-	
,										
TYPE OF DR	ILLING RI	G:	GEOPROBE Trac	k- mounted (Ria 2)					
METHOD OF METHOD OF METHOD OF GROUNDWA OTHER OBSI	ADVANC SOIL SAI ROCK CO TER LEV	ING BORING MPLING: ORING: ELS:			nuous samples	to 4 feet in 2		479	Tetra Tec	TE I DE 1

PROJECT	NO.:		N1369				START DATE:		12/19/03		
LOGGED	OGGED BY: RILLED BY (Company/Driller): RD. SURFACE ELEVATION: KI Jalkut Aquifer Drilling & Testing/S. Przybylski						TRANSCRIBED BY: RAC COMPLETION: I	DATE:	12/19/03		
DRILLED	BY (Compa	any/Driller):	Aquifer Drilling &	Testing/S. F	rzybylsk	ì	MON. WELL NO	.:	N/A		
GRD. SUF	RFACE ELE	EVATION:					ELEVATION FROM: CHECKED BY:		JL		
DEPTH	BLOWS PER	SAMP REC.	SAMPLING TIME	DEPTH	SOIL DENSIT		MATERIAL	USCS	REMARKS (moisture condition:		LD ENING
(FEET)	6" NA	/ SAMP LENG.	& SAMPLE NO. (QA/QC STATUS)	CHG./ WELL PROF'L	ONSI or ROC HARD	K CLR	CLASSIFICATION Grass Surface	or ROCK BRKN	odors; geological classification; rock weathering; etc.)	DA METH	NTA HOD = (PPM)]
		2' /	SBP-SO-480-0002		Loose	Red - Brown	SAND, some silt. Fine-Medium sand mostly, poorly graded, organic roots	SM/Fill	Grass/root plug = approximately 3"	FID	PID
1		2'	Screening 12/19/03 @ 1008			Tan - Gray	SAND, trace gravel. Fine-medium sand, poorly graded, seashells. Two pieces coarse gravel subrounded to 1"	SP/Fill	Damp	0.0	0.0
									- Damp		
2							↓		Camp	0.0	0.0
		1.5°	SBP-SO-480-0204 Screening and				SAND, fine-medium sand, poorly graded, seashells		Saturated sand		
3		/ 2'	Confirmation 12/19/03 @ 1013		\Box	1		1			
					Dense	Black	Potential waste material, shiny long fibers (PACM)	Fill	Dense packed soil and/or waste	29	0.0
4						Dark Brown	ORGANICS (fibers and reeds) with silty SAND. Fine-medium sand, trace coarse sand, trace fine gravel subrounded ¼" – ½", spongy material, brick pieces		Damp	110.9	0.0
				EOB @ 4' bgs			EOB @ 4' bgs – Backfill with bentonite chips (4'-1') and topsoil (1'-0')			-	
]		
			 -								
							Upgraded to level C for 2-4'		-		
							· 1025-1040 hr (KJ) 1025 through next sleeve (KL)				-
								,			
								+	-		
			05000005					<u> </u>			<u> </u>
	DRILLING F		GEOPROBE – 4 x 4 G: DIRECT- PUSH	9 Mule	-		Note:		Tetra Tech	NUS, II	nc.
	OF ADVAN	CING BORIN MPLING:	MACRO-CORE OF	en tuhe con	tinuous es	imples to 4' in	2' intervals PACM = Potential	achaetas		$\overline{}$	
	OF ROCK (N/A	on tabe con	anavas se	ATPRODUCT II	containing				
ı	NATER LE										
1	BSERVATION		Phase I Flag Nui	mber 410	Former la	ndfill area - O	atside balifield BORING NO.: 48	0	PAGE: 1	OF	1

BORING NO .:

480

BORING LOG FOR:

PROJECT LOGGED DRILLED	BORING LOG FOR: PROJECT NO.: LOGGED BY: DRILLED BY (Company/Driller): GRD. SURFACE ELEVATION:		Raymark OU9 RI. N1369 J. Lambert Aquifer Drilling &		Ullmann		BORING N START DA TRANSCRIBED BY: RAC COMPLET MON. WE ELEVATION FROM: CHECKED			TE: 1/22 ON: DATE: 1/22 L NO.: N/A		480A 1/22/04 1/22/04 N/A JD	
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR		MATERIAL CLASSIFICATION		USCS or ROCK BRKN	(moi odd clas	REMARKS sture condition; ors; geological sification; rock athering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
1			SBP-SO-480A-0002 Full Suite, less Dioxin and SPLP 1/22/04 @ 1516				Refer to Boring Log Numbe	r 480 for soil profile deta	ails from 0' – 4' bgs			31	
2		,											
			SBP-SO-480A-0204 Full Suite										
3			1/22/04 @ 1540										
4		1.2'	SBP-SO-480A-0406 Full Suite, less Dioxin		Slightly Loose	Gray Black	0' – 0.3' – Fine-medium SA 0.3' – 0.7' – Fine-medium S		avel	SP	Moist		PID = 0.0
5		2'	and SPLP 1/22/04 @ 1610	-			0.7' – 0.8' – WOOD, stained 0.8' – 1.2' – Fine-medium S		gravel, trace glass	Fill SP/Fill			FID = 185.0
6													
,		1.2'	SBP-SO-480A-0608 Full Suite, less Dioxin and SPLP			Dark Gra	0' - 0.3' - Fine to coarse SA 0.3' - 1.2' - Silty fine-medi fragments	•	sand, some wood	SW SM/Fill	Wet		PID = 0.0
7			1/22/04 @ 1630	-									FID = 130.1
8				EOB @ 8' bgs	<u></u>			<u> </u>			1		
METHOD METHOD METHOD GROUND	DRILLING F OF ADVAN OF SOIL SA OF ROCK (WATER LE' BSERVATION	CING BORIN AMPLING: CORING: VELS:	GEOPROBE – Train Control of the Cont	oen tube con				PID = F/FID = D	BORING NO.:	480A			h NUS, Inc.

PROJECT LOGGED DRILLED		any/Driller):	Raymark OU9 RI/ N1369 J. Lambert Aquifer Drilling &		Ullmann		TRANSCRIBED BY: DH	STAF I COM MON	NG NO.: T DATE: PLETION: D. WELL NO.: CKED BY:		481 12/19/03 12/19/03 N/A JD	
DEPTH (FEET)	BLOWS PER 6*	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS) SBP-SO-481-0002	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD. Slightly	CLR Red-Brown		TERIAL SIFICATION		USCS or ROCK BRKN	(moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)] PID=0.0
1		2.0'	Screening 12/19/03 @ 1005	_	Dense	Gray Dark-Brown	0.7' - 0.8' - Fine-medium SAND 0.8' - 2.0' - Silty fine SAND, trac also aluminum foil fra	e organics (roots), trace coa	se sand,	SP SM/Fill	Morst	FID=0.0 FID=133.0
2								•		V		
3		1.0' 2.0'	SBP-SO-481-0002 Screening 12/19/03 @ 1010		Slightly Loose	Black Brown	0' - 0.1' - Fine sandy SILT 0.1' - 0.2' - Stained/burnt wood 0.2' - 0.3' - Charcoal 0.3' - 1.0' - Silty fine SAND, 1" g	ass layer at 0.6' in the spoo	n, some	ML Fill Fill SM/Fill	₩et	PID=0.0 FID=5.9
4							gravel (rounded)					
				EOB @ 4 bgs		· · · · · · · · · · · · · · · · · · ·					V	
				-								
-				-								
				-								
7/05 05	DOWN INO E	10.	GEODDORF, Tree	ale manustrad (Die O							
METHOD METHOD METHOD	DRILLING R OF ADVANO OF SOIL SA OF ROCK C WATER LEV	CING BORING MPLING: ORING:	GEOPROBE – Trac G: DIRECT- PUSH MACRO-CORE Op N/A			s to 4 feet in 2 f	oot intervals				Tetra Ted	ch NUS, Inc.
OTHER O	BSERVATIO	INS:	Phase I FID= A	PID= A	Flag number	485 Forme	er Landfill area - beyond outfield of	baseball field BORING	NO.: 481		PAGE:	1 OF 1

BORING I	OG FOR:		Raymark OU9 RI/	FS				BORING NO.:		482	
PROJECT	NO.:		N1369			.		START DATE:		12/19/03	<u> </u>
LOGGED	BY:		K. Jalkut				TRANSCRIBED BY: DH	COMPLETION:	DATE:	12/19/03	
DRILLED	BY (Compa	any/Driller):	AQUIFER DRILLI	NG & TESTI	NG/ S.			MON. WELL NO		N/A	
GRD. SUF	RFACE ELE	EVATION:					ELEVATION FROM:	CHECKED BY:		JD	
								·	A	Y-4-1	
DEPTH	BLOWS PER	SAMP REC.	SAMPLING TIME	DEPTH MAT'L	SOIL DENSITY/				uscs	REMARKS	FIELD
(FEET)	6"	1	&	CHG./	CONSIS.	i	MATERIAL CLASSIFICATION		or	(moisture condition;	SCREENING
1		SAMP	SAMPLE NO.	WELL	or ROCK	CLR	ODAGGI IOATION		ROCK	odors; geological classification; rock	DATA METHOD =
0	N/A	LENG.	(QA/QC STATUS)	PROF'L	HARD.		Grass surface		BRKN	weathering; etc.)	[FID, (PPM)]
			SBP-SO-482-0002		Dense	Red Brown	Silty SAND-trace gravel- organic roots, fine-medium sa	nd mostly, trace	SM/Fill	Grass/root plug=	PID=0.0
		2.0'	Screening				coarse sand, fine gravel to ½" subrounded, 1 piece coa subrounded	rse gravel to 1",		Approximately 3"	FID=0.0
		2.0'	•				Subjectified				
1		/	12/19/03 @ 1040								
					Loose	Tan-Gray	SAND fine-medium sand mostly, poorly graded, seashed	ells	SP/Fill	Damp	PID=0.0
										PACM, long shiny	FID=0.0
					Dense	Dark Brown	Silty SAND- Fine-medium sand mostly with waste mate	rial	SM/Fill	fibers, organics- waste	PID=0.0
2	•				Loose	Tan- Gray	SAND- fine-medium sand, poorly graded, seashells		SP/Fill		FID=0.0
			SBP-SO-482-0204		1	ı			_		·
		2.0'	Screening	İ			Similar to above				
		2.0°	Screening							Saturated sand	PID=0.0
3			12/19/03 @ 1045		▼	₩			₩	Saturated Sality	FID=0.0
		•			Dense	Black	WASTE MATERIAL- PACM mixed with dense silty sand	d matrix	Fill	Long shiny fibers-	PID=0.0
						ſ	(fine-medium sand, poorly graded, trace coarse sand a	nd fine	1	WASTE/PACM	FID=172
							gravel to ½" -subrounded) and organic fibers				PID=1.2
4					♦						FID=59
			, , , , , , , , , , , , , , , , , , , ,	EOB @							
				4' bgs			Backfill with bentonite chips (4'-1') and topsoil (1'-0') (up	grade to level C)			
								<u></u>			
Ì											
											
				1							
						<u> </u>	-				
									,		
											 -
											
					-						1
			· · · · · · · · · · · · · · · · · · ·	<u>.</u>	· ,						·
i .	DRILLING R		GEOPROBE – 4x4	mule				lata		Tetra Tec	h NUS, Inc.
1		CING BORIN						lote:			$\overline{}$
1	OF SOIL SA		MACRO-CORE Op	en tupe conti	nuous sample	es to 4 reet in 2	toot intervals F	PACM = Potential	asbestos co	entaining	3
	OF ROCK C WATER LEV		N/A					material		{ •	L
IGNUUNU	***** LEI\ LE\	ricio.									

Former Landfill area-outside baseball field

Phase I Flag number 429

OTHER OBSERVATIONS:

PAGE:

BORING I	OG FOR	:	Raymark OU9 R	I/FS					BORING NO.:			482A	
PROJECT	NO.:		N1369	•					START DATE:			1/20/04	
LOGGED	BY:		K. Jalkut				TRANSCRIBED BY: F	RAC	COMPLETION: I)ΔTE-	•	1/20/04	
DRILLED	BY (Com	any/Driller)	Aquifer Drilling a	nd Testing/M	f. Sarro				MON. WELL NO			N/A	
GRD. SUI	RFACE EL	EVATION:					ELEVATION FROM:		CHECKED BY:			JL	
						-			Checker B1.		_	JL	
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP	SAMPLING TIME & SAMPLE NO.	DEPTH MAT'L CHG./ WELL	DENSITY/ CONSIS. or ROCK	CLR		MATE ASSIFI	RIAL CATION	US0 OI ROG	r CK	REMARKS (moisture condition; odors; geological classification; rock	FIELD SCREENING DATA METHOD =
0	NA	LENG.	(QA/QC STATUS)	PROF'L	HARD.	ļ				BRI	KN	weathering; etc.)	[FID, (PPM)]
		2.0'	SBP-SO-482A-0002 Full Suite less dioxin and SPLP				Refer to Boring Log Number 48	32 for :	soil profile details from 0' – 4' bgs			2 sleeves 0' - 2' each	PID = 2.0 FID = 0
2			1/20/04 @ 1344			1							
		2.0' 2.0'	SBP-SO-482A-0204 Full Suite DUP01A at 1410					-				3 sleeves (2' each) Visible waste/PACM Level C	PID = 0 FID = 486
4		•	1/20/04 @ 1400			1	l.	- ↓	,		- 4		
		2.0'	SBP-SO-482A-0406 Full Suite less dioxin		Dense	Dark Brown/Black	Waste – compressed matted fi	brous	material, long shiny fibers, silty	SN Was		Level C Wet at 4'	PID = 0 FID = 36
5		2.0'	and SPLP 1/20/04 @ 1435		Loose	Tan-Gray	SAND, trace silt, fine-medium s seashells, organic roots, reeds	sand, t	trace coarse sand, poorly graded,	SP/	Fill	visible waste PACM at 4' – 4,5'	
						Brown		<u> </u>				No visible PACM 2 sleeves to 2' each (4'-6') Level C	FID = 52 PID = 0
6		. =-	app ag vest sees		<u></u>		Similar to above, with trace sub Similar to above, with increase	d silt p	ercentage, organics (reeds)	↓		(4-0) Level C	FID = 735 PID = 0
		2.0'	SBP-SO-482A-0608 Full Suite less dioxin and SPLP		Dense - soft	Gray- Brown			poorly graded, saturated, organics	ML/I	Fill	Water table at 6.5' Saturated	FID = 490 PID = 0
7		2.0'	1/20/04 @ 1510			Gray	SAND, trace gravel, fine-mediu graded, ½" subrounded fine gra	avel, s	eashells	SP/I	Fill		FID = 276 PID = 0
					Loose	Black	trace fine-coarse subrounded g	ravel :		SM/	Fill	Petroleum like odor 7' (old odor)	
8						Gray Brown	Silty SAND, trace gravel, fine-n to 1/2" subrounded, glass, wood	nediun chunk	n sand, poorly graded, fine gravel (s, organics (reeds)			2 sleeves (6' 8')	FID = 1286 PID = 0
1				EOB @ 8' bgs									
							EOB @ 8' bgs - Backfill with Be	entonite	e chips (8' - 1') and topsoil (1' - 0")				
TYPE OF			GEOPROBE – Tra	ick mounted (Rig 4)				Note:			Tetra Tech	NUS Inc
		ICING BORII							PACM = Potential asbestos cor	itaining	nate		
		ampling:	Macro-Core Open	tube. Continu	ous sampling i	in 2' intervals			Full Suite = SVOCs, Pesticides/Po	Bs, m	etals.	 	∟Ì
METHOD			N/A	bas /1 5' U 0	in bottom of b	alo at 1500 hay	ma\		dioxin, SPLP metals a	nd PC	Bs,		G)

Phase II - Former Landfill Area - FID and PID = F (PID failed pm calibration check)

BORING LOG FOR:

OTHER OBSERVATIONS:

PAGE:

BORING NO.: 482A

BORING			Raymark 009 Ri/	F8 .			BORING NO.		483	
PROJECT NO.: N1369 LOGGED BY: J. Lambert DRILLED BY (Company/Driller): Aquifer Drilling & Testing/ Rob Ullmann							START DATE		12/19/03	
					• • • • • • • • • • • • • • • • • • • •		TRANSCRIBED BY:DH COMPLETIO		12/19/03	
			Aquiter Drilling &	Testing/ Rob	Ullmann		MON. WELL		N/A	
GRD. SU	RFACE ELE	EVATION:					ELEVATION FROM: CHECKED B	Y:	JD	
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION 0' - 0.2' - Grass/roots	USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		1.9' /	SBP-SO-483-0002		Slightly Loose	Dark Red	0.2' - 0.6' - Silty fine SAND, trace organics (roots)	SM	Wet	PID=0.0 FID=0.0
1		2.0'	Screening 12/19/03 @ 1030		Slightly Dense	Gray Dark Brown	0.6' - 1.2' - Fine-medium SAND 1.2' - 1.5' - Silty fine SAND, trace medium sand	SP SM	Moist	1.0 0.0
					Slightly Loose	Yellow- Brown	1.5' - 1.9' - Fine-medium SAND, some silt		Wet	
2			CDD CO 402 0004				<u> </u>			
		1.0'	SBP-SO-483-0204 Screening		VSlightly	Light Brown	0' - 0.3' - Similar to above 0.3' - 0.7' - Silty fine-coarse SAND, trace fine gravel		 - 	PID=0.0 FID=0.0
3		/ 2.0	12/19/03 @ 1035	-	Dense	Brown	0.7' - 1.0' - Fine-coarse SAND, and GRAVEL, some brick fragments	SW/Fill		
					Loose		The source of the property of the bright magnitude			
4				EOB @	<u> </u>		₩	. +	↓	-
				4' bgs						
									_	
				-		4				
				-				*		
					-					
				1						
	DRILLING F	IIG: CING BORIN	GEOPROBE – Trac	ck- mounted ((Rig 2)				Tetra Tech	NUS, Inc.
	OF SOIL SA		MACRO-CORE O	pen tube conti	inuous samples	s to 4 feet in 2 fo	oot intervals		-	≖ _)
1	OF ROCK		N/A						[[T)
1	WATER LE' BSERVATIO		Phase I FID= A	PID= A	Fla	g number 484	Former Landfill area –beyond baseball outfield BORING NO.:	483	5105	
LOTHER O	DOELLANIN	71 1 3.	Finase I FID- A	1-10-A	1 Id	g Hullioci 704	TOTAL CANGING AND TOTAL PORTING NO.;	400	PAGE:	1 OF 1

PAGE:

BORING L PROJECT LOGGED DRILLED I GRD. SUR	NO.: BY: BY (Comp	any/Driller	·		g/S. Przybyl:	ski	BORING NO.: 484 START DATE: 12/19/03		
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS) SBP-SO-484-0002	MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD. Dense	CLR / Red Brown	CLASSIFICATION CLASSIFICATION Classification; rock BRKN Crass Surface – outside ballfield Classification; rock weathering; etc.)	FIEL SCREE DAT METHO [FID, (F	NING A OD =
1		2'	Screening 12/19/03 @ 1100		Loose	Brown Tan - Gray	- Color change to brown, piece of plastic SAND, trace gravel. Fine-medium sand mostly, poorly graded, seashells, 1 SP/Fill Damp	0.0	0.0
2							piece coarse subrounded gravel to 1.5", plastic		
3		2' /2'	SBP-SO-484-0204 Screening 12/19/03 @ 1105		Dense Loose	Dark Brown - Black Tan - Gray	Similar to above Two separations in sand unit with WASTE material, spongy matrix with long shiny fibers and organic fibers ½" – 1" thick - PACM Saturated sand PACM noted In sample	0.0	0.0
					Dense Loose Dense	Dark Brown - Black Tan – Gray Black - Brown	Long shiny fibers, also		
4				EOB @	Dense	Black - Blown	was to material – Pacm, spongy, soggy waste mixed with slity fine- medium sand, trace coarse sand, poorly graded possible cellulose or organic fibers	23	0.0
				4' bgs			EOB @ 4' bgs – Backfill with bentonite chips (4'-1') and topsoil (1'-0')		
	-			ļ					_
								\bot	
,									
							,		

GEOPROBE – 4 x 4 Mule	- Note:	Tetra Tech NUS, Inc.
DIRECT- PUSH	_	
MACRO-CORE Open tube continuous samples to 4' in 2' intervals	PACM = Potential asbestos	
N/A	containing material	
Phase I Flag Number 427 Former landfill area - Outside ballfield	BORING NO.: 484	PAGE: 1 OF 1
	DIRECT- PUSH MACRO-CORE Open tube continuous samples to 4' in 2' intervals N/A	DIRECT- PUSH MACRO-CORE Open tube continuous samples to 4' in 2' intervals N/A PACM = Potential asbestos containing material

PROJECT LOGGED DRILLED	BORING LOG FOR: PROJECT NO.: OGGED BY: DRILLED BY (Company/Driller): BRD. SURFACE ELEVATION: BLOWS SAMP DEPTH PER REC.		Raymark OU9 R N1369 J. Lambert Aquifer Drilling 8		b Ullmann		TRANSCRIBED BY:DH	BORING NO.: START DATE: COMPLETION: DATE: MON. WELL NO.: CHECKED BY:		485 12/19/03 12/19/03 N/A JD	
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION 0' - 0.2' - Grass/roots		USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock	FIELD SCREENING DATA METHOD =
1		1.9' 2.0'	SBP-SO-485-0002 Screening 12/19/03 @ 1050			Brown Gray Brown	0.2' - 0.3' - Fine silty SAND, some organics (roots) 0.3' - 0.5' - Fine-medium SAND 0.5' - 1.0' - Fine-medium SAND, some silt		SM SP	weathering; etc.) Moist	[FID, (PPM)] PID=0.0 FID=0.0
2			SBP-SO-485-0204			Yellow-Brown Brown Dark Brown Dark Gray	1.0' - 1.1' - Fine silty SAND, trace coarse sand 1.1' - 1.5' - Fine-medium SAND, some silt, trace coarse sand 1.5' - 1.8' - Silty fine SAND, trace organics 1.8' - 1.9' - Fine SAND	rse sand	SM	•	PID=0.0
3		1.1' 2.0'	Screening 12/19/03 @ 1055			Dark Brown Brown	0' - 0.1' - Fine SAND, some sitt 0.1' - 0.3' - Similar to above –moisture change only 0.3' - 0.5' - Fine-medium SAND		—	Wet	FID=28.4
4		· · · · · · · · · · · · · · · · · · ·		EOB @		+	0.5' - 1.1' - Fine-coarse SAND, some silt, trace cera	mic, some glass	SW/Fill		
				4' bgs							
									*		
TYPE OF	DRILLING	RIG:	GEOPROBE – Tra	ack- mounted	(Ria 2)						
	OF ADVAN OF SOIL S OF ROCK WATER LE	ICING BORII AMPLING: CORING: :VELS:		pen tube con	inuous sample	es to 4 feet in 2 fo		BORING NO 48	5	Tetra Tech	NUS, Inc.

PROJECT LOGGED DRILLED	PROJECT NO.: LOGGED BY: DRILLED BY (Company/Driller): GRD. SURFACE ELEVATION: BLOWS SAMP		Raymark OU9 RI. N1369 K. Jalkut Aquifer Drilling &		Przybylski		BORING NO.: START DATE: COMPLETION: D. MON. WELL NO.: ELEVATION FROM: CHECKED BY:		486 12/19/03 12/19/03 N/A JL		
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION Grass Surface – outside ballfield	USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	SCRE D/ MET/	ELD EENING ATA HOD = (PPM)]
1		2' _2'	SBP-SO-486-0002 Screening 12/19/03 @ 1110		Loose	Red	Sitty SAND, organic material. Fine-medium sand mostly, trace coarse sand, poorly graded, roots	SM/Fill	Grass/root plug = approximately 3" – Damp	0.0 0.0	91D 0.0 0.0
				_		Tan - Gray	SAND. Fine-medium sand mostly, poorly graded, seashells, brick pieces	SP/Fill	Wet	0.0	0.0
2		2' /2'	SBP-SO-486-0204 Screening and Confirmation			Dark	Similar to above with seashells Trace coarse sand, trace organic material (one 1° interval of organic fibers)		Saturated sand Color change at 1"	0.0	0.0
3			12/19/03 @ 1115		Dense	Tan - Gray Black	WASTE MATERIAL, spongy dense waste, PACM mixture, long shiny fibers, silty sand with fine-medium sand, trace coarse sand poorly graded in mixture	Fill	PACM Damp	110	0.0
4				EOB @ 4' bgs	\	↓	EOB @ 4' bgs – Backfill with bentonite chips (4'-1') and topsoil (1'-0')	↓			
							Upgrade to Level C while collecting both samples				
				-							
				-				\$			
								 -	-		

TYPE OF DRILLING RIG:	GEOPROBE – 4 X 4 Mule		Tetra Tech NUS, Inc.
METHOD OF ADVANCING BORING:	DIRECT- PUSH	Note:	road room too, me.
METHOD OF SOIL SAMPLING:	MACRO-CORE Open tube continuous samples to 4' in 2' intervals	PACM = Potential asbestos	(
METHOD OF ROCK CORING:	N/A	PACIN - Potential aspestos containing material	
GROUNDWATER LEVELS:			
OTHER OBSERVATIONS:	Phase I Flag Number 426 Former Landfill Area – Outside ballfield	BORING NO.: 486	PAGE: 1 OF 1
		•	

	NO.: BY;	any/Driller): EVATION:	Raymark OU9 Rl/ N1369 J. Lambert Aquifer Drilling &		Ullmann		TRANSCRIBED BY: RAC		DATE: ETION: DATE; /ELL NO.:	486A 1/22/04 1/22/04 N/A JD	
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR		TERIAL SIFICATION	USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
1			SBP-SO-486A-0002 Full Suite, less Dioxin and SPLP 1/22/04 @ 1345				Refer to Boring Log Number 486 for	soil profile details from 0' – 4'	bgs	-	
2			SBP-SO-486A-0204								
3			Full Suite, less Dioxin and SPLP 1/22/04 @ 1400							-	
4			CPD CO 4004 0400		Clicks	Dit-		•		_	
5		1.5' 2'	SBP-SO-486A-0406 Full Suite, less Dioxin and SPLP 1/22/04 @ 1420		Slightly Dense	Black ▼	0' - 0.1' - Fine sandy SILT 0.1' - 1.2' - PACM, fine sandy SILT		Į.	Moist PACM noted in sample	PID = 1.1 FID = 271.3
6		_				Dark Brown	1.2' – 1.5' – Fine-medium SAND, sor	me silt	SP	_	
				EOB @ 6' bgs		-			8		
TYPE OF DRILLING RIG: METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: MCRO-CORE Open tube continuous samples in 2' interv N/A MACRO-CORE Open tube continuous samples in 2' interv N/A Approximately 5.5' bgs OTHER OBSERVATIONS: Phase II Old Flag Number 426 Former Landfill A							díoxin,	cs, Pesticides/PCBs, r SPLP metals and PC tos, and VOCs asbestos containing O.: 486A	metals, CBs, PAGE:	t	

1 **OF**

BORING L	OG FOR:		Raymark OU9 RIA	/FS					BORING NO .:		487		
PROJECT	NO.:		N1369						START DATE:		12/19/03		
LOGGED	BY:		J. Lambert					TRANSCRIBED BY: DH	COMPLETION:	DATE:	12/19/03		
DRILLED	BY (Compa	any/Driller):	Aquifer Drilling &	Testing/ Rob	Ullmann				MON, WELL NO		N/A		
	RFACE ELI	•						ELEVATION FROM:	CHECKED BY:		JD		
					1	-							
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. /	SAMPLING TIME &	MAT'L CHG./	DENSITY/ CONSIS.			MATERIAL CLASSIFICATION		USCS	(moisture o odors; ge	condition;	FIELD SCREENING DATA
0	N/A	SAMP LENG.	SAMPLE NO. (QA/QC STATUS)	WELL PROF'L	or ROCK HARD.		CLR	0' - 0.2' - Grass/roots		ROCK BRKN	classificati weatherir	ion; rock	METHOD = [FID, (PPM)]
		1.9'	SBP-SO-487-0002 Screening		Slightly Loose		rown t Brown	0.2' - 0.7' - Fine-medium SAND, trace silt 0.7' - 0.9' - Fine-medium SAND, trace silt, trace	gravel	SP 	Wet Moist		PID=0.0 FID=7.1
1		2.0'	12/19/03 @ 1115				Gray	0.9' - 1.1' - Cobble		+			
						В	rown	1.1' - 1.9' - Fine-coarse SAND, some silt, some s gravel	subrounded-rounded	sw			
2								1		+			
			SBP-SO-487-0204					0' - 0.2' - Fine-medium SAND		SP			PID=0.0
		0.8'	Canadina			l	₩ .			1	↓		FID=29.5
		2.0'	Screening			Dark	Brown	0.2' - 0.7' - Fine-coarse SAND, some wood fragn	nents, trace fine				
3		,	12/19/03 @ 1120					gravel			Moist		
	-					В	lack	0.7' - 0.8' - Fine SAND, trace medium sand			Wet		
								1		,	l ï		
							1 1					- 1	
4							<u> </u>	<u> </u>		V	₩		
				EOB @ 4' bgs									
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						-					-		
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)		-				•			
						Į.							
	DRILLING F	LIG: CING BORIN	GEOPROBE - Tra	ck- mounted (Rig 2)				_			Tetra Tech i	NUS, Inc.
	OF SOIL SA		MACRO-CORE O	pen tube conti	inuous samole	s to 4 f	eet in 21	oot intervals					<u> </u>
METHOD	OF ROCK (WATER LE	ORING:	N/A			- w T I'		Section Folia				[1]	ل ا
li .	BSERVATION LE		Phase I FID=A	PID= A	Flag n	umber	457	Former Landfill area – outside of baseball field	BORING NO.: 4	87		PAGE: 1	OF 1

LOGGED BY: K. Jalkut						_	TRANSCRIBED BY: RAC	COMPLETION: DATE:		12/19/03					
DRILLED BY (Company/Driller): Aquifer Drilling & Testing/S. Przybylski							MON. WELL !		:	N/A					
GRD. SUF	RFACE ELI	EVATION:						ELEVATION FROM:	CHECKED BY:		JL				
	1														
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR		MATERIAL CLASSIFICATION Grass Surface		USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)		FIELD SCREENING DATA METHOD = [FID, (PPM)]		
		2 /	SBP-SO-488-0002		Dense F		ed	Silty SAND, trace gravel, organic roots. Fine-medium s coarse sand, trace fine gravel subrounded to ½"	and mostly, trace SM/Fi		Grass	ss/root plug = proximately 3"	FID 0.0	PID 0.0	
1		/ 2°	Screening 12/19/03 @ 1120			Tan - Gray		SAND, fine-medium sand, poorly graded, seashells			Damp				
										SP/Fill					
2								Similar to above, with glass shards to ½"			1		0.0	0.0	
			SBP-SO-488-0204	1							Satura	ated sand	1		
		2' /2'	Screening		\vdash	⊢					-				
3			12/19/03 @ 1125			<u> </u>		Similar to above, with trace gravel - two pieces coarse	gravel to 1.5"				0.0	0.0	
						_									
4					<u> </u>	<u></u> ,	—			<u> </u>	↓				
				EOB @ 4' bgs				EOB @ 4' bgs – Backfill with bentonite chips (4'-1') and	l topsoil (1'-0')						
								Upgraded to Level C - Just in case. No visible waste							
-															
											1				
1				1								· · · · · · · · · · · · · · · · · · ·			
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		<u> </u>		1		_		<u> </u>	<u> </u>					<u> </u>	
TYPE OF	DRILLING F	RIG:	GEOPROBE – 4 X	4 Mule								Tetra Tech	MHS	nc	
		CING BORIN							<u>-</u>			Tella Tech	1403, 1	HG.	
	OF SOIL SA		MACRO-CORE OF	en tube con	itinuous samį	oles to	4' in 2'	intervals	_			(==	∟)		
METHOD	OF ROCK (CORING:	N/A						-				GI .		
GROUND	WATER LE'	VELS:													
OTHER O	BSERVATION	ONS:	Phase I Flag Nu	mber 425	Former	Landfi	l Area		BORING NO.: 488	3		PAGE: 1	OF	1	

BORING NO.:

START DATE:

488

12/19/03

BORING LOG FOR:

PROJECT NO.:

Raymark OU9 RI/FS

N1369

PROJECT	NO.:		N1369	· · · · ·				START DATE:		12/19/03	
LOGGED BY: J. Lambert					TRANSCRIBED BY:DH COMPLETI		DATE	12/19/03			
DRILLED BY (Company/Driller): Aquifer Drilling & Testin				Festing/ Rob	Ullmann			MON. WELL N		N/A	
GRD. SURFACE ELEVATION:							ELEVATION FROM:	CHECKED BY		JD	
	DI OLVO	04140	0446011110	-	-						-
DEPTH	BLOWS PËR	SAMP REC.	SAMPLING TIME	DEPTH	SOIL				USCS	REMARKS	FIELD
(FEET)	6"	1	&	MAT'L CHG./	DENSITY/ CONSIS.		MATERIAL		OL OZC2	(moisture condition;	SCREENING
		SAMP	SAMPLE NO.	WELL	or ROCK	CLR	CLASSIFICATION		ROCK	odors; geological	DATA
0	N/A	LENG.	(QA/QC STATUS)	PROF'L	HARD.		0' - 0.2' - Grass/roots		BRKN	classification; rock weathering; etc.)	METHOD = [FID, (PPM)]
			SBP-SO-489-0002		Slightly	Dark Red	0.2' - 0.5' - Silty fine SAND, some medium sand		SM	Wet	PID=0,0
		2.0'	Caraanina		Loose	Gray	0.5' - 0.8' - Fine-medium SAND, trace silt		SP	Moist	FID=1.9
		2.0'	Screening	1		Brown	0.8' - 0.9' - Fine SAND, some silt			Í [110-1.9
1			12/19/03 @ 1140			Tan	0.9' - 1.1' - Fine-medium SAND		- ↓ :		
				1		Black	1.1' - 1.5' - Silty fine-medium SAND, trace fine gravel,	trace wood	SM		
					↓		fragments	liace wood	OIVI		
					Slightly	Dark	1.5' - 2.0' - Silty fine-medium SAND, trace coarse san			 	
2 .					Dense	Brown	1.3 - 2.0 - Sity fine-medium SAND, trace coarse san	d, trace gravei	Ţ	.▼	1
			SBP-SO-489-0204		Delibe					Slightly moist	
		1.0'	3DF-3O-403-0204			Brown	C O.C. Cib. Sinc. comm. CAND		SM/Fill		PID=0,0
		/ /	Screening			BIOWII	0' - 0.6' - Silty fine-coarse SAND, some wood, glass	fragments	_	ĺ	F1D=0.0
,		2.0'	40/40/00 @ 4445			1				ł I	
3			12/19/03 @ 1145						₩	_ ▼_	
					Slightly	Black	0.6' - 0.8' - WOOD fragments		Fill	Moist	
					Loose						
ĺ					1 1 1	Dark	0.8' - 1.0' - Wood fragments, some fine-coarse sand,	some glass			
4				L		Brown	fragments, aluminum foil	_	\ ₩	♥	
				EOB @							
				4' bgs				İ			
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***					<u> </u>						1
TYPE OF I	ORILLING R	IG:	GEOPROBE - Track	c_ mounted /E	2ia 2)						<u> </u>
		IG. ING BORING		- mounteu (F	vig 4)					Tetra Teci	h NUS, Inc.
ĺ	OF SOIL SA		MACRO-CORE Ope	n tube contin	unus samnies	to 4 feet in 2	fant intervals				
	OF ROCK C		N/A	tabe contin	aous samples	NOT III GIAGIS				-	
	VATER LEV		14/4								L
	SERVATIO		Phase I FID= A	PID= A	Flan	number 456	Former Landfill area – outside baseball field	BORING NO.: 4	00		
					. 109		Landin area – outside paseban nelli	DOMING NO.; 4	89	PAGE.	1 OF 1

BORING NO .:

489

BORING LOG FOR:

BORING LOG FOR: Raymark OU9 RI/FS									BORING NO.:		49	490				
PROJECT NO.: N1369								START DATE:			12	2/19/03				
LOGGED			K. Jalkut					TRANSCRIBED BY: RAC COMPLETION:				2/19/03				
		any/Driller):	Aquifer Drilling &	Testing/S.	Przybylski				MON, WELL NO	.:	_ N	/A				
GRD. SUF	RFACE ELI	EVATION:					_	ELEVATION FROM:	CHECKED BY:		JL					
		SAMP	SAMPLING	***************************************		_	,			3		77 - M. I				
DEPTH	BLOWS	REC.	TIME	DEPTH MAT'L	SOIL	,,		MATERIAL		uscs	s I .	REMARKS		ELD		
(FEET)	PER 6"	1	&	CHG./	CONSIS			CLASSIFICATION		or	- 1 '	(moisture condition; odors; geological		ENING		
	-	SAMP	SAMPLE NO.	WELL	or ROCK CI		CLR				<u> </u>	classification; rock		YOD =		
0	NA	LENG.	(QA/QC STATUS)	PROF'L	HARÐ.			Grass Surface – outside ballfield		BRKN	٠	weathering; etc.)	[FID, (PPM)]			
		SBP-SO-490-0002		Dense	1 -	Red	Silty SAND, trace gravel. Fine-medium sand, trace coarse sand poorly		SM/Fill		Grass/root plug =		PID			
	2'	Screening					graded, fine gravel subrounded to 1/2"				proximately 3"	0.0	0.0			
		/ 2'	OCICCIMIS		Loose	Tan	- Gгау	SAND, trace gravel. Fine-medium sand, poorly grade	d, seashells, trace fine	SP/Fill	Па	ımp				
1			12/19/03 @ 1135		L	1	1	gravel subrounded to 1/2"		1	-~	1				
]				1		1 -		1				
				ļ		1							0.0	0.0		
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2						1				1 1		\		l		
			SBP-SO-490-0204	1							Sa	turated sand	╆╌╌┦	 		
		2' /								1 1	"	I	0.0	0.0		
		/ 2'	Screening			1	†			 -	\dashv		\vdash			
3		/ -	12/19/03 @ 1140											í I		
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4				500.0	-	-	Y	<u> </u>	·-··	₩.		<u> </u>	0.0	0.0		
				EOB @ 4' bgs		1										
				4 bgs				EOB @ 4' bgs - Backfill with bentonite chips (4'-1') ar					<u> </u>			
								Downgrade to Level D - No visible waste								
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<u> </u>	<u> </u>	L			1	-1				<u> </u>			Щ			
TYPE OF	DRILLING F	RIG:	GEOPROBE - 4 X	4 Mule				-				Tetra Tech	NUS I	nc		
METHOD OF ADVANCING BORING: DIRECT- PUSH												.5		10.		
METHOD	MACRO-CORE OF	en tube cor	ntinuous samples to 4' in 2' intervals								⊥ Ì					
METHOD	OF ROCK (CORING:	N/A						···							
GROUND	NATER LE	VELS:											ノ			
OTHER O	BSERVATION	ONS:	Phase I Flag Nur	Phase I Flag Number 424 Former Landfill Area – Outside ballfield BORING NO.: 490 PAGE: 1 OF									QF	1		

1__OF

BORING I	OG FOR:		Raymark OU9 RIA	/FS					BORING NO.:		491		
PROJECT	NO.:		N1369						START DATE:		12/1	9/03	
LOGGED	BY:		J. Lambert				TRANSCRIBED BY: DI	Н	COMPLETION:	DATE:	12/1		
DRILLED	BY (Compa	any/Driller):	AQUIFER DRILLI	NG & TESTI	NG/ Rob				MON. WELL N	O.:	N/A		
	RFACE ELE						ELEVATION FROM:		CHECKED BY:		JD		
										's ge and the proper personal and a version of	And the fact of the second		
DEPTH	BLOWS PER	SAMP REC.	SAMPLING TIME	DEPTH	SOIL					USCS		REMARKS	FIELD
(FEET)	6"	KEC.		MAT'L CHG./	DENSITY/ CONSIS.			TERIAL		or		sture condition,	SCREENING
`'		SAMP	SAMPLE NO.	WELL	or ROCK	CLR	CLASS	IFICATION		ROCK		ors; geological	DATA
0	N/A	LENG.	(QA/QC STATUS)	PROF'L	HARD.	J OLIK	0' - 0.2' - Grass/roots			BRKN	Wes	sification; rock athering; etc.)	METHOD ≈ [FID, (PPM)]
			SBP-SO-491-0002	1	Loose	Dark	0.2' - 0.5' - Silty fine-medium SAND	, trace fine gravel, s	some roots	SM	Wet	2010/11/9, 010.7	PID=0.0
		1.7'				Red							FID=0.0
		2.0'	Screening		Slightly	Gray	0.5' - 0.9' - Fine-medium SAND, tra	ice shells		SP	Moist		1.15 0.0
1		/	12/19/03 @ 1205		Loose	Brown	0.9' - 1.3' - Fine-coarse SAND, trad		wood fragments	sw			
				1	1	-		grandi, 2000	nood nagmonto		 		
				1		Black	1.3' - 1.5' - SLAG			Fill			1
				l	Cliabilia	Brown					\ ▼		
2					Slightly Dense	DIOWII	1.5' - 1.7' - Fine-medium SAND, so	me siit, trace coarse	e sano	sw	Slightly	moist	1
			000 00 101 0001	-10	Dense	-	-			 	<u> </u>		ļ <u></u>
1		4.51	SBP-\$O-491-0204				Silty fine-coarse SAND, some fine of appears to be natural mossy, will se	gravel (rounded) – a	lso fiberous mat;				PID=0.0
		1.5'	Screening		\vdash		appears to be flatural filossy, will se	ind for aspestos and	alysis]]		FID=0.0
ľ		2.0'									l 1		
3			12/19/03 @ 1210	-1								<u> </u>	
				I.		11	1				" = "		
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4						▼	l.	\		↓	l ↓		
				EOB			T						ļ:
				@ 4' bgs									
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TYPE OF	DRILLING F	NC:	GEOPROBE – Trac	ck- mounted (Ria 2)								
		dg: CING BORIN		-v- monifen (i	ny z)			<u> </u>				Tetra Tech	NUS, Inc.
	OF ADVAN		MACRO-CORE OF	nen tuhe confi	nunus sample	e to 4 feet in	2 foot intervals		•				
	OF ROCK (N/A	JOH WOO WHILE	navus sampie	O TO T ICCL II	1 2 100t BITCH ADIS		•				-
	WATER LE		- PUCA					<u></u>				[
4	BSERVATION		Phase I FID=A	PID= A	Flag	number 434	Former Landfill area – beyond ba	sebali field area	BORING NO.: 4	91		BACE: 1	
					9					V 1		PAGE: 1	OF 1

PROJECT LOGGED DRILLED	BY:	any/Driller): EVATION:	Raymark OU9 RI/ N1369 K. Jalkut Aquifer Drilling &		Przybylski		BORING N START DA TRANSCRIBED BY: RAC COMPLET MON. WEI ELEVATION FROM: CHECKED	TE: ION: DA [*] .L NO.:	TE:	- - -	492 12/19/03 12/19/03 N/A JL		
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS) SBP-SO-492-0002	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD. Loose	CLR Dark Brown	MATERIAL CLASSIFICATION Grass Surface – outside ballfield SAND, some silt, organic roots. Fine-medium sand mostly, poorly grad trace coarse sand, organic roots		USC or ROC BRK SM/F	K N	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.) Grass/root plug = approximately 4*	SCRE DA META	ELD ENING ATA HOD = (PPM)] PID 0.0
1		2'	12/19/03 @ 1150			Tan - Gray	SAND, trace gravel. Fine-medium sand mostly, trace coarse sand, sea		SP/Fi		Damp	0.0	0.0
_							Three 1" intervals of possible waste material. PACM in silty sand (fine-medium sand, poorly graded) mixture		+		Damp Spongy intervals with long shiny fibers	0.0	0.0
2		2' /	SBP-SO-492-0204 Screening			-	SAND. Fine-medium sand, poorly graded, seashells		+	 	Saturated sand	3.4	0.0
3		2'	12/19/03 @ 1155 Screening Dup		Dense	Black	WASTE MATERIAL – spongy, with long shiny fibers, red colored mater possible fabric. PACM		Fin		PACM approximately 6" (Damp)	13	0.0
			(DUP10) at 1210 hrs		Loose Dense Loose	Tan-Gray Black Tan-Gray	SAND. Fine-medium sand, poorly graded, seashells WASTE MATERIAL – Similar to waste unit above (PACM) SAND – Similar to sand unit above		SP/F Fill SP/F		Saturated sand Damp Waste (PACM)	81	0.0
4				EOB @ 4' bgs			EOB @ 4' bgs – Backfill with bentonite chips (4'-1') and topsoil (1'-0') Upgrade to Level C for entire borehole				Saturated sand	4.7	0.0
1									\$				
METHOD (DRILLING F OF ADVANG OF SOIL SA OF ROCK C	CING BORIN MPLING:	GEOPROBE – 4 X / G: DIRECT- PUSH MACRO-CORE OP N/A		tinuous samp	les to 4' in 2'	PACIVI - PUL	ential asbe			Tetra Tech I	NUS, I	nc.

Former Landfill Area - Outside ballfield

Phase I Flag Number 449

METHOD OF ROCK CORING: **GROUNDWATER LEVELS:** OTHER OBSERVATIONS:

1 OF

PAGE:

BORING NO.: 492

PROJECT			N1369					START DATE:		1/20/04		
LOGGED			J. Lambert				TRANSCRIBED BY: RAC	COMPLETION	DATE:	1/20/04		
		any/Driller):	Aquifer Drilling &	Testing/R.,	Ullmann			MON. WELL N		N/A		
GRD. SUF	RFACE ELI	EVATION:					ELEVATION FROM:	CHECKED BY:		JD		
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION		USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	SCRE DA META	ELD EENING ATA HOD = (PPM)]
			SBP-SO-492A-0002	1	7.5.4.4.5		Refer to Boring Log Number 492 for soil profile d	etails from 0' – 4' bas		weathering, etc.)	FID	PID
:			Full Suite, less dioxin and SPLP									FID
1			1/20/04 @ 1100									
2												
			SBP-SO-492A-0204							Visible waste/PACM in middle of sample, clean	1	
			Full Suite							sand below	<u> </u>	+
3			1/20/04 @ 1130	-								—
4							\					
		1.9' /	SBP-SO-492A-0406 Full Suite, less dioxin		Slightly Dense	Gray	0' - 0.5' - Fine-medium SAND, some shell fragm	nents	SP/Fill		0.0	0.0
5		2'	and SPLP 1/20/04 @ 1205			Dark Gray	0.5' 1.0' Fine SAND, some medium sand, tra	ce shell fragments			0.0	0.0
						Black	1.0' – 1.2' – Fine to coarse SAND, trace charcoa burn zone)	al fragments (possible	SW/Fill			
6					—	Dark Gray	1.2' – 1.3' – Fine to coarse SAND, trace gravel 1.3' – 1.9' – Fine-medium SAND, some roots		SW SP			
				EOB @ 6' bgs								
				, i					5		_	-
		·		1							-	-
						 						<u> </u>
	DRILLING F		GEOPROBE - Trac	k Mounted (rig 2)			Note:		Tetra Tech	NUS. I	Inc.
ı		CING BORIN				- 1- 01: 1		Full Suite = SVOCs, Permetals, diox	sticides/PCE (in. SPLP m	BS,		
	OF SOIL SA OF ROCK C		MACRO-CORE Op	en tube cont	unuous sample	es in 2' interva		and PCBs, a	sbestos, ar	nd VOCs	╉╌┃	
	VATER LE		Approximately 5' bg	s			-	PACM – Potential asbest material	tos containir	ng 📮		
1	BSERVATION		Phase II Old Flag		9 Former L	andfill Area -	Between soccer and baseball fields FID/PID =		92A	PAGE:	1 OF	1
				-						I I AGL.	. Ur	r

BORING NO .:

492A

BORING LOG FOR:

Raymark OU9 RI/FS

1 OF

	.OG FOR:		Raymark OU9 RI/	FS				BORING NO.:		493A	
PROJEC ¹			N1369					START DATE:		2/2/04	
LOGGED			J. Lambert				TRANSCRIBED BY:DH	COMPLETION	DATE:	2/2/04	
		any/Driller):	Aquifer Drilling & 7	resting/ Rob	Ullmann		•	MON. WELL N		N/A	
GRD. SUI	RFACE ELE	EVATION:					ELEVATION FROM:	CHECKED BY:		JD	
	BLOWS	SAMP	SAMPLING	DEPTH	200	***************************************		AND STATE OF THE S		Company Annual Variation in the State of the	And the second s
DEPTH (FEET)	PER 6"	REC. / SAMP LENG.	TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION		USCS or ROCK BRKN	REMARKS (moisture condition odors; geologica classification; roo weathering; etc.	DATA **********************************
						_	Refer to Boring Log Number 493 for soil profile	e details from 0-4'	<u> </u>	weathering, etc.	j [PID, (PPIVI)]
		:	No samples collected								
			from 0' - 4' bgs						 	1	
1											
								· · · · · · · · · · · · · · · · · · ·	1		
							·				
2											
						-			-		
								-			
3						:					
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4							₩		•		
-			SBP-SO-493A-0406		Cliabtly	Brown	O' O.E. Eine medium CAND trace fine area	l 4l	00		
		0.8' /	2/2/04 @ 1530		Slightly Dense	Brown	0' - 0.5' - Fine-medium SAND, trace fine grave	el, trace glass	SP	Moist	PID=0.0
			Screening and		Delise	<u> </u>					FID=35.2
_		2.0'	Screening DUP 27			↓	↓ ↓				
5			2/2/04 @ 1535			D-4.	O.S. O.S. Sine OAND areas OUT			<u> </u>	
						Dark Brown	0.5' - 0.8' - Fine SAND, some SILT				
						DIOWII					
1.					II I		↓ ↓				
6			ORD 00 1001		N		, , , , , , , , , , , , , , , , , , ,		<u> </u>		
1 .		001	SBP-SO-493A-0608				Similar material to above			<u> </u>	PID≃0.0
		0.9'	Screening					· · · · · · · · · · · · · · · · · · ·	<u> </u>		FID=35.4
_		2.0'	0/0/04 0 4540								
7			2/2/04 @ 1540			<u> </u>			<u> </u>		
					[[i '		
		,									
				EOB	↓	\ \	<u> </u>		↓	•	
8				@ 8'bgs	it:		<u> </u>				
TYPE OF	DRILLING R	IIG.	GEOPROBE – Trac	k- mounted (Ria 2)					-	T. (111/0 /
1		CING BORIN			···· છ /			Notes:		retra	Tech NUS, Inc.
	OF SOIL SA		MACRO-CORE Op	en tube conti	nuous samples	to 4 feet in 2	? foot intervals	Phase II screening = A	sbestos and	Metals	—
	OF ROCK C		N/A		• • • • • • • • • • • • • • • • • • • •			FID failed PM check			
	GROUNDWATER LEVELS: Approximately 7.5'bgs										
	OTHER OBSERVATIONS: Phase II FID=D PID= D Old Flag numb					Flag number	482 Former Landfill area – basebail fi	eld BORING NO.: 4	93A	PAGE:	1 OF 1

PROJECT LOGGED DRILLED	ORING LOG FOR: ROJECT NO.: OGGED BY: RILLED BY (Company/Driller): RD. SURFACE ELEVATION: BLOWS SAMP DEPTH PER REC.		Raymark OU9 RI/ N1369 J. Lambert Aquifer Drilling &	******	Ullmann		TRANSCRIBED BY: DH COI	RING NO.: ART DATE: MPLETION: DATE: N. WELL NO.: ECKED BY:	493 12/19/03 12/19/03 N/A JD	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION 0' - 0.2' – Grass/roots	USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
1		2.0'	SBP-SO-493-0002 Screening 12/19/03 @ 1235		Slightly Loose	Dark Red Gray Dark Brown	0.2' - 0.8' - Silty fine SAND, trace roots 0.8' - 0.9' - Fine SAND, some silt 0.9' - 1.9' - Silty fine-medium SAND, trace coarse sand, trace fragments	e wood	Moist	PID=0.0 FID=20.6
2					-	Gray	1.9' - 2.0' - Coarse GRAVEL	GP	Dry	
3		1.6' 2.0'	SBP-SO-493-0204 Screening 12/19/03 @ 1240		Slightly Laose	Yellow- Brown	0' - 1.0' - Silty fine-coarse SAND, trace fine gravel 1.0' - 1.2' - Silty fine SAND	SM	Moist	PID=0.0 FID=7.5
4					Loose	Yellow- Brown	1.2' – 1.4' - Glass 1.4' - 1.6' - Highly decomposed newspaper	Fill	Wet	
				EOB @ 4' bgs						
,										
METHOD (OF ADVANO OF SOIL SA OF ROCK O WATER LEV	CING BORIN MPLING: CORING: /ELS:	GEOPROBE – Trac G: DIRECT- PUSH MACRO-CORE Op N/A Phase 1 FID= A		nuous samples	s to 4 feet in 2		NG NO : 403	Tetra Teca	h NUS, Inc.

PROJECT	NO.:		N1369						START DATE:		12/19	/03		
LOGGED	BY:		K. Jalkut				TRANSCRIBED BY:	RAC	COMPLETION: D	ATE:	12/19	/03		
		any/Driller):	_ Aquifer Drilling & "	Testing/S. I	Przybylski				MON. WELL NO.	:	N/A			
GRD. SU	RFACE ELI	EVATION:					ELEVATION FROM:		CHECKED BY:		JL			
	I	CALAD	CAMPUNO	-			***************************************			5			_	
DEPTH	BLOWS	SAMP REC.	SAMPLING TIME	CEPTH	SOIL		1			USCS		REMARKS		ELD
(FEET)	PER 6*	I NEO.	8	MAT'L CHG./	DENSITY/ CONSIS.			MATERIAL CLASSIFICATION		or		sture condition;		ENING
, , ,	۰ ا	SAMP	SAMPLE NO.	WELL	or ROCK	CLR	,	LASSIFICATION		ROCK		ors; geological sification; rock		ATA HOD =
0	NA	LENG.	(QA/QC STATUS)	PROF'L	HARD.	, J.	Grass Surface - baseball outf	ield		BRKN		athering; etc.)		(PPM)]
			SBP-SO-494-0002		Dense	Dark/Red	Silty SAND, trace gravel, org	anic roots. Fine-medium	sand mostly, trace	SM/Fill		root plug =	FID	PID
		2 /				Brown	coarse sand, fine gravel subr	ounded to 1/2"	•		арргох	imately 4*	0.0	0.0
		/ 2 ¹	Screening		Loose	Tan-Gray	SAND, trace organic roots. F	ne-medium sand mostly	noorly graded, trace	SP/Fili	Wet su	rface	0.0	- 0.0
1			12/19/03 @ 1210		20000		organic roots, wood chunks (t		poorly graded, trace	1			0.0	0.0
<u> </u>			1 12 10,00 @ 1210	-			· · · · · · · · · · · · · · · · · · ·							├
						l					Damp		1	ĺ
					<u> </u>			<u> </u>			Į.			<u> </u>
					Denser	Brown	SAND, trace silt. Fine-mediu	ım sand, poorly graded, t	wigs		More d	ensely packed	0.0	0.0
2					\vdash						than at	ove sand	0.0	
			SBP-SO-494-0204					1 .		Ţ	Satura	ted sand	1	
1		2' /	Screening and					▼		•	ll i		1	
		/ 2°	Confirmation			(Burned pressed fiber board (approximately 5")		Fill				
3		´	12/19/03 @ 1215		🔻	▼			•		l I		14	0.0
					Loose	Tan-Gray	SAND. Fine-medium sand, p	poorly graded, seashells		SP/Fill				
						' '		1					53	0.0
	<u> </u>						<u>-</u>						-	 -
					<u> </u>	1 1		1			▼		0.0	0.0
4									·					
i				EOB @ 4' bgs							l .		1	
				4 095			EOB @ 4' bgs - Backfill with	bentonite chips (4'-1') ar	id topsoil (1'-0')					L
													fi -	
							Downgrade to Level D -	Plywoood movement app	roximately 15 min.					
													1	
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					l. 1	l	ľ				l)			
				444			10						4	<u></u>
	DRILLING F		GEOPROBE - 4 X	4 Mule					_			Tetra Tech	NUS, I	nc.
		CING BORIN							_				$\overline{}$	
	OF SOIL SA		MACRO-CORE Op	en tube con	tinuous samp	les to 4' in 2' it	ntervals		_			-		
	OF ROCK (N/A						_			[■	إحا	
	WATER LE								<u> </u>					
OTHER O	BSERVATIO	ONS:	Phase I Flag Nur	mber 454	Former	Landfill Area	Baseball outfield		BORING NO.: 494	1		PAGE: 1	OF	1

BORING NO .:

494

BORING LOG FOR:

Raymark OU9 RI/FS

BORING L PROJECT LOGGED DRILLED GRD. SUF	NO.: BY: BY (Compa		Raymark OU9 Rt/ N1369 J. Lambert AQUIFER DRILLIS		NG/ Rob		BORING NO START DA' TRANSCRIBED BY: DH COMPLETI MON. WELL ELEVATION FROM: CHECKED	E: ON: DATE: _ NO.:	495 12/19/03 12/19/03 N/A JD	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION 0' - 0.2' - Grass/roots	USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		1.5'	SBP-SO-495-0002 Screening		Slightly Loose Slightly	Dark Red Gray	0.2' - 0.5' - Fine SAND, some silt, trace organics (roots) 0.5' - 0.8' - Fine-medium SAND, trace shells, trace coarse sand	SP SW	Moist	PID=0.0 FID=104.0
1			12/19/03 @ 1255	1	Dense	Black	0.8' - 1.5' - Fine-coarse SAND, trace silt, some charcoal, trace gravel	SW/Fill		
2								+	Moist	
		1.7'	SBP-SO-495-0204 Screening		Dense Slightly	White Yellow-	0' - 0.3' - Coarse GRAVEL, (fractured) 0.3' - 0.7' - Silty fine SAND, some coarse sand, trace wood fragments	GP SM/Fill	Dry	PID= 0.0 FID= 21.2
3			12/19/03 @ 1300		Loose	Brown Gray	0.7' - 1.7' - Fine-medium SAND, trace shells, trace fine gravel (rounded)		Moist	
4					—	+		$+\downarrow$	Moist	
				EOB @ 4' bgs						
		<u>-</u> .				<u>.</u>		\$		
TYPE OF I METHOD (METHOD (METHOD (GROUND) OTHER OF	OF ADVANC OF SOIL SA OF ROCK C VATER LEV	CING BORING MPLING: ORING: /ELS:	GEOPROBE – Trac DIRECT- PUSH MACRO-CORE OP N/A Phase I FID= A		nuous samples	to 4 feet in		495	Tetra Tech	
								• •		tNUS Form 0018

BORING L			Raymark OU9 RI/F	S				BORING NO.:		496	
PROJECT			N1369				•	START DATE:		1/5/04	
LOGGED			J. Lambert				TRANSCRIBED BY:DH	COMPLETION:	DATE:	1/5/04	
		any/Driller):	AQUIFER DRILLING	G & TESTING				MON. WELL N	0.:	N/A	
GRD. SUF	RFACE ELE	EVATION:			& S. Pryzl	ylski_	ELEVATION FROM:	CHECKED BY:		JD	
	BLOWS	SAMP	SAMPLING	Figure 1	1 222	-			**************************************		
DEPTH (FEET)	PER 6"	REC. / SAMP	TIME & SAMPLE NO.	MAT'L CHG./ WELL	DENSITY/ CONSIS. or ROCK	CLR	MATERIAL CLASSIFICATION	·	USCS or ROCK	REMARKS (moisture condition; odors; geological	FIELD SCREENING DATA
0	N/A	LENG.	(QA/QC STATUS)	PROF'L	HARD.		Top 0.2' - grass/roots (topsoil)		BRKN	classification; rock weathering; etc.)	METHOD = [FID, (PPM)]
		1.3'	SBP-SO-496-0002 Screening			Dark Red	0.2' - 0.8' - Silty fine-medium SAND, some coarse	sand, trace gravel	SM	Moist I	PID=2.9 FID=0.0
1		2.0'	1/5/04 @ 1320				Į į		V		
						Gray	0.8' - 1.3' - Fine-coarse SAND and GRAVEL (ang gravel), trace charcoal fragments	gular-subangular	SW/Fill		
2						+			1		
		1.4'	SBP-SO-496-0204 Screening and	1		Dark Red	0' - 0.2' - Silty fine-medium SAND	·	SM		PID≃0.0 FID=0.0
3		2.0'	confirmation 1/5/04 @ 1325			Gray 	0.2' - 1.4' - Fine-medium SAND, trace coarse sar fragments (coarse sand-sized)	nd, some shell	sw		115-5.5
											-
4											
				EOB @ 4' bgs					•		
								· · · · · · · · · · · · · · · · · · ·			
				1							_
-											<u> </u>
				1					*		
				<u> </u>	<u></u>						
TYPE OF I	ORILLING R	RIG:	GEOPROBE – 4x4	mule - rig 1					·	Tetra To	ch NUS, Inc.
METHOD (OF ADVANC	CING BORIN						– – Note:		70114 76	311 1VOS, 111C.
METHOD OF SOIL SAMPLING: MACRO-CORE Open tube continuous samples to 4 feet in 2 f METHOD OF ROCK CORING: N/A				foot intervals	- PID failed PM test			[七]			
	VATER LEV SSERVATIO		Phase I FID=A	/ PID=A	Flag numbe	er 421	Former Landfill area – outside of baseball field	BORING NO.: 4	96	PAGE:	1 OF 1
							11 11				

BORING LOG FOR: PROJECT NO.: LOGGED BY: DRILLED BY (Company/Driller): GRD. SURFACE ELEVATION: Raymark OU9 RI/FS N1369 J. Lambert Aquifer Drilling & Testing/ Rob Ullmann and S. Pryzbylski						/lski	## BORING NO.: START DATE: TRANSCRIBED BY:	0.:	497 1/5/04 1/5/04 N/A JD	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION 0' - 0.2' - Grass/roots (topsoil)	USCS or ROCK BRKN	(moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		1.3'	SBP-SO-497-0002 Screening		Slightly Dense Dense	Dark Red	0.2' - 1.0' - Silty fine-coarse SAND, trace rounded gravel, some organics (roots)	SM	Moist	PID=0.0 FID=0.0
1			1/5/04 @ 1340			Dark Gray	1.0' - 1.3' - Fine-coarse SAND and GRAVEL, trace asphalt fragments	SW/Fill		
2			SBP-SO-497-0204	_			0' - 0.5' - Similar to above; 1" piece of dark green Chlorite-rich rock			PID=0.0
3		2.0'	Screening 1/5/04 @ 1345		Slightly Dense	↓ Gray	0.5' - 1.7' - Fine-medium SAND, trace coarse sand, some shells (fragments)	sw		FID=0.0
4				EOB @ 4'bgs		+	↓	\\	•	
										<u> </u>
METHOD (METHOD (METHOD (GROUNDY OTHER OF	OF ADVANC OF SOIL SA OF ROCK C VATER LEV	CING BORING MPLING: ORING: /ELS:	MACRO-CORE Op N/A	en tube contin	nuous samples iled pm check		2 foot intervals aber 422 Former Landfill area –outside of baseball fields BORING NO.:	497	PAGE: 1	E

PROJECT I LOGGED B DRILLED B GRD. SURI	BY: BY (Compa		N1369 J. Lambert Aquifer Drilling &	-	Ullmann		TRANSCRIBED BY:DH	BORING NO.: START DATE: COMPLETION MON. WELL N CHECKED BY	0.:	498 1/5/04 1/5/04 N/A JD	
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP	SAMPLING TIME & SAMPLE NO.	DEPTH MAT'L CHG./ WELL	DENSITY/ CONSIS. or ROCK	CLR	MATERIAL CLASSIFICATION		USCS or ROCK	REMARKS (moisture condition; odors; geological	FIELD SCREENING DATA
0	N/A	LENG.	(QA/QC STATUS) SBP-SO-498-0002	PROF'L	HARD.	Dark	0' - 0,2' - Grass/roots 0.2' - 0.8' - Silty fine SAND, trace coarse sand, trace	e fine gravel	BRKN	classification; rock weathering; etc.) Moist	METHOD = [FID, (PPM)] PID=0.0
		1.5'	Screening			Red Dark	·				FID=0.0
1		/ 2.0	1/5/04 @ 1357			Gray	0.8' - 1.5' - Fine-coarse SAND and GRAVEL, some	asphalt fragments	SW/Fill		
-											
2						+					
-		1.5'	SBP-SO-498-0204			Brown I	0' - 0.4' - Similar material to above		—		PID=0.0 FID=0.0
3		2.0'	Screening 1/5/04 @ 1400			+	0.4' - 0.8' - SILT, some fine sand also have fibers (lo not needle like)	ong, slightly wavy,	ML		
-						Gray	0.8' - 1.5' - Fine-medium SAND, some shells		SP		
4				EOB @			<u> </u>		▼		<u> </u>
				4'bgs	-						
				-							
									,		
TYPE OF D			GEOPROBE 4x4	mule (Rig 1))					Tetra Tecl	NUS. Inc.
METHOD OF METHOD OF METHOD OF GROUNDW	F SOIL SA F ROCK C	MPLING: ORING:	MACRO-CORE Op	en tube contir	nuous samples t	o 4 feet in 2	foot intervals				t
OTHER OB			nase I FID=A / PID= A	PID failed pr	n check Flag	number 4	23 Former Landfill area –outside of baseball fields	BORING NO.:	498	PAGE:	OF 1 TNUS Form 0018

BORING LOG FOR: PROJECT NO.: LOGGED BY: DRILLED BY (Company/Driller): GRD. SURFACE ELEVATION:		Raymark OU9 Rt N1369 J. Lambert Aquifer Drilling &) Ulimann		TRANSCRIBED BY:DH	BORING NO.: START DATE: COMPLETION: DATE: MON. WELL NO.: CHECKED BY:	499 1/6/04 1/6/04 N/A JD		
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL	DENSITY/ CONSIS. or ROCK	CLR	MATERIAL CLASSIFICATION	USCS or ROCK BRKN	(moisture condition; odors; geological classification; rock	FIELD SCREENING DATA METHOD =
		1.4' 2.0'	SBP-SO-499-0002 Screening	PROF'L	HARD. Slightly Loose	Brown Red-	0.2' - 0.5' - Silty fine-coarse SAND	SM	weathering; etc.) Moist	[FID, (PPM)] PID=0.0 FID=0.0
1		/ 2.0	1/6/04 @ 0920			Brown Yellow- Brown	0.5' - 1.1' - GRAVEL, some sand and silt 1.1' - 1.4' - Fine-coarse SAND and SILT	GP SM		<u> </u>
2		:				DIOWII				
		1.8'	SBP-SO-499-0204 Screening			Brown Yellow-	0' - 0.6' - Fine-coarse SAND, some gravel, some silt 0.6' - 0.8' - Fine SAND, some silt, trace coarse sand	SW SP		PID=0.0 FID=0.0
3		/	1/6/04 @ 0925	-		Brown Dark Gray	0.8' - 1.0' - Fine-coarse SAND and GRAVEL, trace silt			
4					—		The moduli GMD	- Gr	 	
				EOB @ 4' bgs		_				
				-		i				
					-					
				-				*		
METHOD (OF ADVANC OF SOIL SA OF ROCK O	CING BORIN MPLING: CORING:	GEOPROBE - Trac G: DIRECT- PUSH MACRO-CORE OF N/A		. · · · · · · · · · · · · · · · · · · ·	s to 4 feet in	2 foot intervals	- 1	Tetra Tech	NUS, Inc.
GROUND\ OTHER O			Phase I FID= B	PID= B	Fla	ag number	355 Former Landfill area – Dorne Drive	BORING NO.: 499	PAGE:	1 OF 1

PROJECT			Raymark OU9 RI/ N1369	FS				BORING NO.:	٠	500	
LOGGED			J. Lambert				TRANSCRIBED BY: DH	START DATE: COMPLETION: I	ATE:	1/5/04 1/5/04	
		any/Driller):	Aquifer Drilling &	Testina/ Rob	Ullmann		114 (1400) (IDED D1	MON. WELL NO		N/A	
	RFACE ELI			· · · · · ·	& S. Pryzby	/lski	ELEVATION FROM:	CHECKED BY:		JD	
	BLOWS	SAMP	SAMPLING	brozu	2001	· · · · · · · · · · · · · · · · · · ·		200 A 2 C C C C C C C C C C C C C C C C C C	**************************************		
DEPTH	PER	REC.	TIME	DEPTH MAT'L	SOIL DENSITY/		MATERIAL		USCS	REMARKS (moisture condition;	FIELD SCREENING
(FEET)	6"	/ SAMP	& SAMPLE NO.	CHG./	CONSIS.		CLASSIFICATION		or ROCK	odors; geological	DATA
0	N/A	LENG.	(QA/QC STATUS)	WELL PROF'L	or ROCK HARD.	CLR	0' - 0.2' - Grass/roots/topsoil		BRKN	classification; rock	METHOD =
			SBP-SO-500-0002	I TAOL E	Slightly	Dark	0.2' - 0.8' - Silty fine-medium SAND, trace shells		SM/Fill	weathering; etc.) Moist	[FID, (PPM)] PID=0.0
		1.6'			Dense	Red			1		FID=0.0
		2.0'	Screening			Dark	0.8' - 0.9' - Silty fine sand, trace organics, pieces of alun	ninum foil			
1			1/5/04 @ 1425		₩	Brown			*		
				1	Slightly	Gray	0.9' - 1.6' - Fine-medium SAND, some shells		SP	-	
				ŀ	Loose						
							1				
2				4			V				
		107	SBP-SO-500-0204	1			0' - 1.7' - Similar to above			i	PID≂0.0
		1.9'	Screening								FID=0.0
3		/ 2.0	1/5/04 @ 1430	1							
			1	1						PACM noted in	
				İ	↓	♦			\	sample	
					Slightly	Black	1.7' - 1.9' - Soft, silt sized material-has fibers throughout	t possible	Fill	· ·	
4					Dense		asbestos				
				EOB @							·
				4' bgs							
				4							
1				Ì							
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-				1							
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-				1					 -		
							<u> </u>				İ
TYPE OF	DRILLING F	RIG:	GEOPROBE - 4x4	mule (ria 1)						Total Total	NUC I
		CING BORIN		(1.8 17				Note:		Tetra Tech	INUS, Inc.
1	OF SOIL SA		MACRO-CORE Op	en tube conti	nuous samples	to 4 feet in		Note: PACM = Potential a	asbestos		
1	OF ROCK (N/A					containing			
GROUND	WATER LE	VELS:									
OTHER O	BSERVATION	ONS:	Phase I FID=A / P	PID= A PID 1	failed pm check	Flag nu	mber 409 Former Landfill area – outside baseball field	BORING NO.: 50	0 .	PAGE:	OF 1

BORING L	.OG FOR:		Raymark OU9 RI/FS	3				BORING NO.:		501		
PROJECT	NO.:		N1369					START DATE:		1/5/04	1	
LOGGED	BY:		J. Lambert				TRANSCRIBED BY: RAC	COMPLETION:	DATE:	1/5/04	ļ	
DRILLED	BY (Comp	any/Driller):	Aquifer Drilling & Te	sting/R. Ullr	mann/S. Pryb	ylski		MON. WELL NO	D.:	N/A		
GRD. SUF	RFACE ELI	EVATION:					ELEVATION FROM:	CHECKED BY:		JD		
							A STATE OF THE STA		,		W. W. Calleria and an annual conference where	
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION 0' – 0.2' – Grass/topsoil/roots		USCS or ROCK BRKN	(mois odo class	REMARKS ture condition; rs; geological sification; rock	FIELD SCREENING DATA METHOD =
			SBP-SO-501-0002	T NOT E	Slightly Loose	Dark Red	0.2' - 0.4' - Silty fine SAND, some organics		SM	Moist	thering; etc.)	[FID, (PPM)]
		1.7'	Screening		20036	Brown	0.4' - 0.6' - Fine-medium SAND, trace coarse sand		SW			PID = 0.0
1			1/5/04 @ 1445	_								FID = 0.0
		:			↓	Gray	0.6' – 1.5' – Fine-medium SAND		SP			
2					Slightly Dense	Black I	1.5' - 1.7' - Soft silty material, fibers (possible asbesto	s) throughout	Fill	1	PACM noted in sample	
_		1.9'	SBP-SO-501-0204	1			0' - 0.1' - Similar to above	-	+	 	iii sample	
		1.3	Screening	1 1	Slightly	Gray	0.1' - 0.9' - Fine-medium SAND, trace shells		SP			PID = 0.0
3			1/5/04 @ 1450		Loose							FID = 0.0
					Slightly Dense	Black	0.9' – 1.9' – Soft, silty material, fibers throughout. San this layer only	nple taken from	Fill			
4					↓	↓			*	↓	. ↓	
				EOB @ 4' bgs								
				-					· · · · · ·			<u>. </u>
									\$			
									- .			·
·				<u> </u>		<u> </u>					·	
TYPE OF	ORILLING F	RIG:	GEOPROBE Mule	e (4 X 4) Rig	1			Notes:		-	Tetra Tech	NUS Inc
METHOD	OF ADVAN	CING BORIN									7000	7130, 1110.
METHOD	OF SOIL SA	MPLING:	MACRO-CORE OF	en tube cont	inuous sample	es to 4' in 2' in	itervals	PACM - Potential a	asbestos co	ontaining	(====	ഥ
METHOD (N/A					material			47	G
GROUND								PID failed pm check	K			
OTHER O	BSERVATION	ONS:	Phase I Flag Num	ber 769 F	ormer Landfill	Area – Beyon	d baseball fields FID/PID = A	BORING NO.: 50	01		PAGE: 1	OF 1

BORING		;	Raymark OU9 RI/FS	<u> </u>				BORING NO.:		501A		
PROJECT			N1369					START DATE:		1/26/0)4	
LOGGED			J. Lambert				TRANSCRIBED BY: RAC	COMPLETION:	DATE:	1/26/0)4	
DRILLED				sting/R. Ullr	mann			MON, WELL N		N/A		
GRD. SUI	RFACE EL	EVATION	·				ELEVATION FROM:	CHECKED BY:		_JD		
	I	SAMP	SAMPLING	BEREIT	201					d	encome profession in specimen and a second construction are second construction and a second construction and a second con	
DEPTH	BLOWS PER	REC.	TIME	DEPTH MAT'L	SOII. DENSITY/		MATERIAL		USCS		EMARKS	FIELD
(FEET)	6"	1	&	CHG./	CONSIS.		CLASSIFICATION		or		ture condition; 's; geological	SCREENING DATA
		SAMP LENG.	SAMPLE NO. (QA/QC STATUS)	WELL	or ROCK	CLR			ROCK BRKN		ification; rock	METHOD =
<u> </u>	NA	LENG.		PROF'L	HARD.				DIVIN	wea	thering; etc.)	[FID, (PPM)]
			SBP-SO-501A-0002				Refer to Boring Log Number 501 for soil profile de	etails from 0' - 4' bgs				
			Full Suite, less dioxin and							_		L
1_			SPLP - 1/26/04 @ 1230									
2			DUP 04 @1235									<u>L</u> _
			SBP-SO-501A-0204									
			Full Suite, waste only -									PID = 0.0
			DAS			1	★]		
4			1/26/04 @ 1310	()								FID = 0.7
			SBP-SO-501A-0406		Slightly	Dark	0' - 1.0' - Fine sandy SILT, some PACM (fibers)	throughout	Fill	Moist		
		1.6'	Full Suite, less dioxin and		Loose	Brown			1 1	1.	PACM noted	PID = 0.0
		/ 2'	SPLP							1	in sample	
5			1/26/04 @ 1330									FID = 97.3
							1.0' - 1.2' - Similar to above, less PACM					
									. ▼			
							1.2' - 1.3' - Silty fine-medium SAND	-	SM	1		
6							1.3' - 1.6' - Fine sandy SILT, some organics		OL	♦		
			SBP-SO-501A-0608				Fine to coarse SAND, some silt	· · · · · · · · · · · · · · · · · · ·	sw	Wet		
		0.6'	Full Suite, less dioxin and						1	1		PID = 0.0
		/ 2'	SPLP							1 1		
7		/	1/26/04 @ 1430							} }		FID = 1100
								·	 	 		110-1100
										┨		
8					+	\ \	\		\ \	▼		
				EOB @						<u> </u>		
,				8' bgs	l. I							
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										4		
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L	ll				L	2			<u> </u>	<u> </u>		
TYPE OF	DRILLING	RIG:	GEOPROBE - Trac	k Mounted (rig 2)			Note:	••••		Totro Tost	NUIC I
METHOD								Full Suite = SVOCs, Pes	ticides/PCI	3s,	Tetra Tech	IVUS, INC.
METHOD			MACRO-CORE Op	en tube con	tinuous sample	s in 2' inter	vals	metals, diox	in, SPLP m	etais and		.)
METHOD	OF ROCK	CORING:	N/A					PCBs, asbes PACM = Potential asbest				
GROUND	WATER LE	VELS:	Approximately 7.5 b	gs				material	00111011111	.9		ン
OTHER O	BSERVAT	ONS:	Phase II Old Flag	Number 769	Former Lan	dfill Area -	Area by soccer field and golf coarse FID/PID = F	BORING NO.: 5	01A		PAGE: 1	OF 1

BORING LOG FOR:

Raymark OU9 RI/FS

PROJECT LOGGED DRILLED	ORING LOG FOR: ROJECT NO.: DGGED BY: RILLED BY (Company/Driller) RD. SURFACE ELEVATION:		Raymark OU9 RIA N1369 J. Lambert Aquifer Drilling &		Ullmann		TRANSCRIBED BY:DH	BORING NO.: START DATE: COMPLETION: MON. WELL NO		502 1/5/04 1/5/04 N/A		
GRD. SUF	KHACE ELE	:VATION:					ELEVATION FROM:	CHECKED BY:		_JD		
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION 0' - 0.2' - Grass/roots		USCS or ROCK BRKN	(mois odo: class	EMARKS ture condition; s; geological ification; rock thering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		1.5'	SBP-SO-502-0002 Screening		Slightly Dense	Dark Red	0.2' - 0.4' - Silty fine SAND, trace coarse sand		SM	Moist		PID=0.0 FID=0.0
1		2.0'	1/5/04 @ 1455	<u> </u>	Slightly Loose	Brown	0.4' - 0.6' - Fine-medium SAND, trace gravel (rounded)		SP			
2						Gray	0.6' - 1.5' - Fine-medium SAND, some shell fragments					
		1.9'	SBP-SO-502-0204 Screening			Brown	0' - 0.1' - Similar to above 0.1' - 0.2' - Sitty fine SAND		SM			PID=0.0 FID=0.0
3		2.0'	1/5/04 @ 1500		Slightly	Gray Dark	0.2' - 0.8' - Fine-medium SAND, some shell fragments		SP			
ļ 					Dense Slightly	Brown Gray	0.8' - 1.0' - Silty pad like material, fibers (possible asbe PACM 1.0' - 1.9' - Fine-medium SAND, some shells	stos) throughout -	Fill SP		PACM noted in sample	ļ <u>-</u>
4				EOB @	Loose		, the meaning stage of the stage of			*		
				4' bgs					-			
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				_					>			
								· · · · · · · · · · · · · · · · · · ·				
TVDE OF	ORILLING R	10:	GEOPROBE 4x4	mulo (rig 1)								
METHOD METHOD	OF ADVANC	CING BORIN MPLING:	G: DIRECT- PUSH MACRO-CORE OF		nuous samples	to 4 feet in	2 foot intervals	Note: PACM = Potential			Tetra Tech	NUS, Inc.
GROUND	OF ROCK C WATER LEV BSERVATIO	/ELS:	N/A Phase I FID=A / PII	N=A PIN fail	ed nm check	Flag numl	per 385 Former Landfill area – outside baseball fields	containin	g material		- PAGE	<u> </u>
CHILLIA	JULI (VI () IC	71.07.	1.10001 110 701111	ID IDIII	on him discort	, lug rallil	so, see . Chine Landin area — Outside DaseDall Helds	BORING NO., 5	<u> </u>		PAGE: 1	OF 1

BORING L PROJECT LOGGED I DRILLED I GRD. SUF	NO.: BY: BY (Compa		Raymark OU9 F N1369 J. Lambert AQUIFER DRILL		NG/ Rob & S. Pryzby	/lski_	TRANSCRIBED BY:DH	BORING NO.: START DATE: COMPLETION: MON. WELL NO CHECKED BY:	O.:	503 1/5/04 1/5/04 N/A JD	
				-	P. 2						
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL - PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION 0' - 0.2' - Grass/roots		USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		1.4'	SBP-SO-503-0002 Screening		Slightly Dense	Dark Red	0,2' - 0,3' - Silty fine-medium SAND		SM	Moist	PID=0.0 FID=0.0
1		2.0'	1/5/04 @ 1505		Slightly Loose	Gray	0.3' - 1.3' - Fine-medium SAND, trace rounded-subrou shell fragments	nded gravel, trace	SP		
						₩			+		
2				_	Slightly Dense	Dark Brown	1.3' - 1.4' - Fine sandy SILT, trace organics		ML		
 -		1.6'	SBP-SO-503-0204 Screening and Confirmation		Q11.164	Black	0' - 0.4' - SILT, some fibers (possible asbestos)		Fill	PACM noted in sample	
3		2.0'	1/5/04 @ 1510	_	Slightly Loose	Gray	0.4' - 0.9' - Fine-medium SAND, trace shells		SM		
							0.9' - 1.6' - Fine-medium SAND, trace charcoal		SM/FIII		
4					<u> </u>	—	↓		—	*	
				EOB @ 4' bgs							
				_							
				_							
				_				·	*		
					*						
TYPE OF	ORILLING F	IG:	GEOPROBE 4x	4 mule (rig 1)				N.c.		Tetra Tec	h NUS, Inc.
1		ING BORIN						Notes:		1000 100	
	OF SOIL SA		MACRO-CORE (Open tube conti	nuous samples	to 4 feet in	2 foot intervals	PACM = Potential	l asbestos ng material	[]	::)
METHOD (OF ROCK O	ORING:	N/A					PID failed PM ched	-		T
GROUND	WATER LEV	/ELS:						- 1 D Tanca i in Chec			
OTHER O	BSERVATIO	NS:	Phase I FID=A	PID= A	Flag	number 7	68 Former Landfill area – outside of baseball field	BORING NO.: 5	03	PAGE:	1 OF 1

	NO.: BY:	any/Driller): EVATION:	Raymark OU9 RI/FS N1369 J. Lambert Aquifer Drilling & Tes		mann/S. Pryb	ylski	TRANSCRIBED BY: RAC ELEVATION FROM:	BORING NO.: START DATE: COMPLETION: E MON. WELL NO. CHECKED BY:		504 1/5/04 1/5/04 N/A JD	
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION 0' -0.1' Grass/roots		USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		1.6'	SBP-SO-504-0002 Screening		Slightly Loose	Brown	0.1' – 0.3' – Fine sandy SILT, some organics		ML	Moist	PID = 0.0
1			1/5/04 @ 1530		+	Gray	0.3' - 0.6' - Fine-medium SAND		SP		FID = 20.1
					Slightly Dense	Brown/ Black	0.6' - 1.0' - SILT, some fine to coarse sand, trace of	harcoal	ML		
2						Dark Brown	1.0' – 1.6' – Fine to coarse SAND, some silt, some wood pieces)	organics (roots,	sw		
		1.8'	SBP-SO-504-0204		Slightly Loose	Gray Brown	0' - 0.3' - Fine-medium SAND, trace organics 0.3' - 0.4' - Silty fine-medium SAND		SP SM		PID = 0.0
3		2'	Screening 1/5/04 @ 1535			Gray	0.4' - 0.5' - Fine-medium SAND, trace coarse sand		sw		FID = 0.0
						—	0.5' - 1.5' - Fine to coarse SAND, trace glass		SW/Fill		110-0.0
4						Dark Gray	1.5' – 1.6' – Fine sandy SILT 1.6' – 1.8' – Fine-medium SAND		ML SP		
· · · · · · · · · · · · · · · · · · ·				EOB @ 4' bgs		,	The House House		31		
		-			-						
			<u> </u>								
_											
	ORILLING R	IG: CING BORING						Note:		Tetra Tecl	NUS, Inc.
METHOD (OF SOIL SA	ORING:	MACRO-CORE Op N/A	en tube cont	inuous sample	es to 4' in 2' inte	ervals	PID failed pm check			t)
	VATER LEV SSERVATIO		Phase I Flag Num	ber 767 F	ormer Landfill	Area – Edge of	golf course FID/PID = A	BORING NO.: 504	 -	PAGE:	1 OF 1

BORING L			Raymark OU9 RI/FS					BORING NO.:		504A		
PROJECT			N1369					START DATE:		1/26/0		
LOGGED			J. Lambert				TRANSCRIBED BY: RAC	COMPLETION:		1/26/0	4	
	BY (Compa		Aquifer Drilling & Tes	sting/R. Ullr	nann			MON. WELL NO		N/A		
GRD, SUF	RFACE ELE	VATION:					ELEVATION FROM:	CHECKED BY:		_JD		· · · · · ·
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP	SAMPLING TIME & SAMPLE NO.	DEPTH MAT'L CHG./ WELL	SOIL DENSITY/ CONSIS. or ROCK	CLR	MATERIAL CLASSIFICATION		USCS or ROCK	(moist odors	EMARKS ure condition; s; geological fication; rock	FIELD SCREENING DATA METHOD =
0	NA	LENG.	(QA/QC STATUS)	PROF'L	HARD.		Refer to Boring Log Number 504 for soil profile detai	ile from 0° 4' han	BRKN		hering; etc.)	[FID, (PPM)]
			SBP-SO-504A-0002 Full Suite, less dioxin and SPLP				Neier to Borning Log Multiber 304 for Soil profile detail					
2			1/26/04 @ 1545	_								
			SBP-SO-504A-0204									
			Full Suite, less dioxin and SPLP									
4			1/26/04 @ 1615			<u> </u>	*					
		1.0'	SBP-SO-504A-0406 Full Suite, less dioxin			Tan I	0' - 0.1' - Fine to coarse SAND, dark brown lens of	fine sand at 0.08'	sw	Moist	Petroleum odor	PID = 0.0
5		/ 2'	and SPLP 1/26/04 @ 1630				0.1' - 1.0' - Silty fine-medium SAND, trace rounded	gravel, trace glass	SM/Fill			FID = 194.8
3	-		1720704 (@ 1000	†						Wet from	0.5' - 1.0'	110 194.0
					<u> </u>		<u> </u>		*			·
6						+						
				EOB @ 6' bgs							····	
				o ago	l 		1					<u>-</u>
				4						-	· · ·	
				1		-						
		:					4					
									*			
						· · · · · ·			<u> </u>	ĺ		
				<u></u>					<u> </u>		· · ·	
TYPE OF	DRILLING R	lG:	GEOPROBE Trac	ck Mounted	(rig 2)			_ Note:			Tetra Tech	NUS, Inc.
l .	OF ADVANC							_ Full Suite = SVQC				$\overline{}$
ř.	OF SOIL SA		MACRO-CORE O	en tube con	tinuous sample	s in 2' interv	als		i, dioxin, SF and PCBs,		177	-
	OF ROCK C		N/A Approximately 5.5 t						os, and VO			
I .)WATER LE\)BSERVATIO				7 Former Lan	dfill Area – (Golf course (edge of soccer field) FID/PID = F	BORING NO.: 5	504A		PAGE: 1	OF 1
			, ,,,,,, , , , , , , , , , , , , , , ,									· .

OTHER OBSERVATIONS:

1

PAGE: 1 OF

BORING I	OG FOR:		Raymark OU9 R	I/FS				BORING NO.:		505	
PROJECT			N1369	**				START DATE:		1/5/04	
LOGGED	BY:		J. Lambert				TRANSCRIBED BY: DH	COMPLETION		1/5/04	
DRILLED	BY (Comp	any/Driller)	: Aquifer Drilling &	Testing/ Ro	b Ullmann &			MON. WELL N		N/A	
		EVATION:			S. Pry	zbylski	ELEVATION FROM:	CHECKED BY		JD	
	DI OMO	04140	CAMBINIO		F				31-		
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL	DENSITY/ CONSIS. or ROCK	CLR	MATERIA CLASSIFICA		USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock	FIELD SCREENING DATA METHOD =
	INA	LENG.		PROF'L	HARD.	- DI-	0 - 0.2' - Grass/roots			weathering; etc.)	[FID, (PPM)]
L		1.7'	SBP-SO-505-0002 Screening		Slightly Dense	Dark Red	0.2' - 0.5' - Silty fine SAND, some organ	ics (roots) piece of charcoal	SM/Fill	Moist	PID=0.0 FID=0.0
1		2.0'	1/5/04 @ 1545		Slightly Loose	Gray	0.5' - 1.4' - Fine-medium SAND, trace si	hell fragments	SP		
					Slightly Dense	Black	1.4' - 1.7' - Soft silty material; fibers through	ughout (possible asbestos)	Fill	PACM noted in sample	
2											
		1.7'	SBP-SO-505-0204 Confirmation			+	0' - 1.2' - Similar to above, some wood		+	PACM noted in sample	PID=0.0 FID=0.0
3		2.0'	1/5/04 @ 1550			Dark Brown	1.2' - 1.7' - Silty fine SAND, some organ	ics (roots)	SM		-
4						+				↓	
				EOB @ 4' bgs							
								· · · · · · · · · · · · · · · · · · ·			
<u> </u>											
									<u> </u>	<u> </u>	
1					•						
		····· ————							*		
									 -		
: 											
TYPE OF	DRILLING	RIG:	GEOPROBE – 4x4	mule (ria 1)						7-4-7 1	N110 1
4	OF ADVAN	ICING BORI				s to 4 feet in	2 foot intervals	Notes: PACM= Potentia	l asbestos co	ontaining Tetra Tech	NUS, Inc.

Former Landfill area - outside baseball field

N/A

Phase I

FID=A

PID= A

Flag number 411

METHOD OF ROCK CORING:

GROUNDWATER LEVELS: OTHER OBSERVATIONS:

1 OF

PAGE:

material

PID Failed PM check

BORING NO.:

PROJECT	NO.:		N1369				_		START DATE:		1/5/04		
LOGGED			J. Lambert					TRANSCRIBED BY: RAC	COMPLETION:		1/5/04		
		any/Driller):	Aquifer Drilling & Tes	ting/Rob Ul	Imann/S. Pry	zbysk	<u>(i</u>		MON. WELL NO) .:	_N/A		
GRD. SU	RFACE ELI	EVATION:		_			_	ELEVATION FROM:	CHECKED BY:		_JD		
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	(CLR	MATERIAL CLASSIFICATION 0' - 0.2' - Grass/roots		USCS or ROCK BRKN	(moistu odors; classifi	re condition; geological cation; rock	FIELD SCREENING DATA METHOD =
_	11/		SBP-SO-506-0002	FROFE	Slightly	Dai	rk Red	0.2' - 0.3' - Silty fine SAND, some organics (roots)		SM	Moist	ering; etc.)	[FID, (PPM)]
		1.6'	Screening		Dense			0.3 – 0.4' – Silty fine SAND, some coarse sand, trace	gravel	-	.		PID = 0.0
1		, –	1/5/04 @ 1600				▼	· · · · · · · · · · · · · · · · · · ·	9 , 41, 5.	♦	l' l		FID = 228.7
-					—		rown rk Red	0.4' – 0.5' – Fine to coarse SAND and GRAVEL 0.5' – 0.9' – Fine silty SAND, trace coarse sand		SW SM		_	
					Slightly	В	rown	0.9' - 1.1' - Fine SAND, some silt		—			
2					Loose		Эгау	1.1' - 1.6' - Fine-medium SAND, some shells		SP			
		1.5'	SBP-SO-506-0204 Screening				<u> </u>	0' – 0.7' – Similar to above					PID = 0.0
3		2'	1/5/04 @ 1605			В	Gray rown	0.7' – 0.8' – Fine-medium SAND and SHELLS					FID = 861.0
						_	3ray	0.8' – 1.2' – Fine-medium SAND, trace shell fragments		+			
4					<u> </u>	B	Black	1.2' 1.5' - Silt, some organics (reeds), fibers (possil throughout	ole asbestos)	Fill	+	PACM noted in sample	
				EOB @ 4' bgs							Approxima water in lir	itely 1 foot of ner	
										\$			
									<u></u>				
TYPE OF	DRILLING F	RIG:	GEOPROBE - 4 X	4 Mule (rig 1)						· T	Tetra Tech	NUS Inc
METHOD	OF ADVAN	CING BORIN							Note:			1000 1000	1.00, 1110.
l .	OF SOIL SA		MACRO-CORE OF	pen tube con	tinuous sampl	es to	4' in 2' in	itervals	- - PACM = Possible	asbestos o	containing	[⊢ Ì
	OF ROCK (N/A						_ material			[1	L)
	WATER LE' BSERVATION		Phase I Flag Num	nber 770 Fr	ormer Landfill	Area -	- Bevone	d Baseball fields FID/PID = A PID failed pm check	BORING NO: 5	06		PAGE: 1	<u></u>

BORING NO.:

506

Raymark OU9 RI/FS

BORING LOG FOR:

BORING L	OG FOR:		Raymark OU9 RI/FS					BORING NO.:		506A	
PROJECT			N1369					START DATE:		1/23/04	
LOGGED			J. Lambert				TRANSCRIBED BY: RAC	COMPLETION:		_1/23/04	
DRILLED	٠.	•	·	ting/Rob U	lmann			MON. WELL NO		N/A	
GRD. SUF	RFACE EL	EVATION					ELEVATION FROM:	CHECKED BY:		_JD	
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION		USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
			SBP-SO-506A-0002				Refer to Boring Log Number 506 for soil profile deta	ils from 0' - 4' bgs			
1			Full Suite, less dioxin and SPLP - 1/23/04 @ 0830 DUP 03 1/23/04 @ 0835								
2										_	
3			SBP-SO-506A-0204 Full Suite, less dioxin and SPLP 1/23/04 @ 0845								
4			-								
4			SBP-SO-506A-0406	-1	Slightly	Dark	0' - 0.4' - Silty fine-medium SAND, trace gravel		SM	Moist	
		1.4' /			Loose	Brown	0.4' – 0.6' – Fine to coarse SAND, some gravel, tra-	co cilt	SW	MUST	PID = 0.0
		2'	Full Suite, less dioxin and SPLP 1/23/04 @ 0920		Slightly Dense	Gray	0.6' – 0.7' – Fine to coarse SAND and GRAVEL, fra		<u> </u>	1	FID = 0.0
5			1/23/04 @ 0920		Slightly Loose	Brown	0.7' - 1.4' - Fine-medium SAND, trace coarse sand	1			FID = 0.0
6											
		0.9'	SBP-SO-506A-0608 Full Suite, less dioxin		Slightly Dense	1	0' - 0.6' - Fine to coarse SAND, trace gravel (suba				PID = 0.0
7		1.5'	and SPLP 1/23/04 @ 1020			Black	0.6' – 0.9' – Fine sandy SILT, some wood fragmen fragments	ts, trace concrete	*	\rightarrow	FID = 176.0
									ML/Fill	Wet	L
8					↓	↓	\				
METHOD METHOD	OF SOIL S	NCING BOI SAMPLING:	MACRO-CORE O			es in 2' interv	als	ote: ull Suite = SVOCs, Pes metals, dio and PCBs, a	kin, SPLP n asbestos, a	Bs, metals nd VOCs	ech NUS, Inc.
	OF ROCK		N/A				P/	ACM = Potential asbest material	tos containi	ing	••)
GROUND	WATER LE	VELS:	Approximately 7' bg	jo				macha			

Phase II Old Flag Number 770 Former Landfill Area – area outside of baseball field

OTHER OBSERVATIONS:

PAGE:

BORING NO.:

506A

FID/PID = F

BORING I	OG FOR:		Raymark OU9 RI/FS	;				BORING NO.:		506A	
PROJECT	NO.:		N1369					START DATE:	:	1/23/04	
LOGGED	BY:		J. Lambert				TRANSCRIBED BY: RAC	COMPLETION	I: DATE:	1/23/04	
DRILLED	BY (Compa	any/Driller):	Aquifer Drilling & Tes	sting/Rob U	llmann			MON. WELL N	NO.:	N/A	
GRD. SUF							ELEVATION FROM:	CHECKED BY	': <u> </u>	JD	
	1			diameter .	1		Value Value	ANNOTANY TO A STANLAR AND AND AND AND AND AND AND AND AND AND			
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION	I	USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		0.8'	SBP-SO-506A-0810 Full Suite, less dioxin		Slightly Dense	Black	0' - 0.6' - Silty fine-medium SAND, some orga	anics (wood fragments)	SM/Fill \	Wet	PID = 0.0
9		/ 2°	and SPLP 1/23/04 @ 1130				0.6' - 0.8' - WOOD (hard drilling)		Fill		FID = 156.1
				-							
12									1		
10				EOB @	- -	-				V	
				10' bgs			-				
			<u> </u>	-		_			 		-
					<u> </u>						
		i I									
					-						
			<u> </u>	-	-		_				
					·	_					
	-								>		
	l										
	DRILLING I		GEOPROBE – Tra	ick – mounte	d (rig 2)			Note:	antinidan (DCC)	Tetra Tec	h NUS, Inc.
		CING BORIN						Full Suite = SVOCs, Pe metals, did	esticides/PCBs, oxin, SPLP met	.	
	OF SOIL S		MACRO-CORE O	pen tube cor	ntinuous sample	es in 2' inte	rvals	and PCBs,	asbestos, and	VOCs	-
	THOD OF ROCK CORING: N/A Approximately 7' has							PACM = Potential asbes	stos containing		
	NDWATER LEVELS: Approximately 7' bgs R OBSERVATIONS: Phase II Old Flag Number 770 Former Land					JCU A	and a staid of headall field FIDER 5	material	5004		
OTHER C	BSERVATI	ONS:	Phase II Old Flag	Number 770	Former Lan	ати Агеа —	area outside of baseball field FID/PID = F	BORING NO.:	506A	PAGE:	2 OF 2

PROJEC LOGGED DRILLED	BY: BY (Comp	: pany/Driller): .EVATION:	Raymark OU9 RI/F N1369 J. Lambert Aquifer Drilling & T			yzbylsk		TRANSCRIBED BY:DH	BORING NO.: START DATE COMPLETION MON. WELL N CHECKED BY	: N: DATE: NO.:	507 1/5/0 1/5/0 N/A JD		
DEPTH (FEET)	BLOWS PER 6*	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DE PTH MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CI	LR.	MATERIAL CLASSIFICATION 0' - 0.2' - Grass/roots		USCS or ROCK BRKN	(mois odo clas	REMARKS sture condition; ars; geological sification; rock athering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		1.7'	SBP-SO-507-0002 Screening		Slightly Dense	Dark	Red	0.2' - 0.6' - Silty fine SAND, some organics (roo 0.6' - 0.8' - Gravelly fine-coarse SAND, some s		SM	Moist	and mig, etc.)	PID=0.0 FID=0.0
1			1/5/04 @ 1610			Bla	ack	0.8' - 1.2' - Fine-coarse SAND, some asphalt fi		SW/Fill	+		
2					Loose	Dark Bla	ıck	1.2' - 1.3' - Fine silty SAND 1.3' - 1.7' - Silty fine-medium SAND		SM	Wet Moist		
		1.6' 2.0'	SBP-SO-507-0204 Screening		Slightly Loose	Gr	ay 	Fine-medium SAND, trace shells (fragments)		SP			PID=0.0 FID=0.0
3			1/5/04 @ 1615			Н							
4							,	•		+	\		
				EOB @ 4' bgs		-							
										-		. <u>.</u>	
,					<u>.</u>	<u> </u>	,						
										` .			
METHOD METHOD METHOD GROUND	OF SOIL S OF ROCK WATER LE	ICING BORII AMPLING: CORING: :VELS:	MACRO-CORE C	pen tube cor	tinuous samp				Note: PID failed PM che	eck		Tetra Tech	NUS, Inc.
OTHER O	BSERVATI	ONS:	Phase I FID= A	/ PID=A	Flag number	384 F	ormer I	andfill area - between baseball and soccer fields	BORING NO.:	507		PAGE: 1	OF 1

	' NO.: BY: BY (Comp	: pany/Driller): LEVATION:	N1369 J. LAMBERT Aquifer Drilling 8		ob Ullmann		TRANSCRIBED BY:DH	START DATE: COMPLETION MON. WELL NO CHECKED BY:		1/6/04 1/6/04 N/A JD	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION 0' - 0.4' - Asphait (not in macrocore)		USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		0.9'	SBP-SO-508-0002 Screening		Slightly Dense	Yellow- Brown	0' - 0.7' - Silty fine-medium SAND, trace coarse sar	nd	SM	Moist	PID=0.0 FID=0.0
1		2.0'	1/6/04 @ 0945			White/Gray	0.7' - 0.9' - Coarse GRAVEL (subangular)		GP		
					\vdash						
2		1.3'	SBP-SO-508-0204 Screening		+	Green- Brown	0' - 0.5' - Silty fine-coarse SAND		SM		
3		2.0'	1/6/04 @ 0950		Slightly Loose	Pink	0.5' - 0.6' - Pulverized crystalline red/pink material or red glass)	(looks like candy	Fill	Dry	
					Slightly Dense	Dark Green- Gray Green-Gray	0.6' - 0.8' - Fine SAND, some silt 0.8' - 1.3' - Fine-medium SAND, trace fine gravel (a	ngular, subangular)	SP	_	
4				EOB@	<u> </u>	Gleen-Gray	0.0 - 1.0 -1 ille-medidii onito, tiace line gravei (a	ingulai- subangulai)	ļ_ \		
				4' bgs		-				-	:
		<u> </u>		_			1				
						-				<u> </u> -	
				-					*		
		<u> </u> -				-				_	
METHOD METHOD GROUND	OF ADVA OF SOIL S OF ROCK WATER L	NCING BOR SAMPLING: (CORING: EVELS:	MACRO-CORE 0 N/A	Open tube co	ntinuous samp						th NUS, Inc.
OTHER C	BSERVAT	TIONS:	Phase I FID=1	B PID=E	3 Flag n	umber 337	Former Landfill area – Dorne Drive	BORING NO.: 5	08	PAGE:	1 OF 1

BORING LOG FOR: PROJECT NO.: LOGGED BY: DRILLED BY (Company/Driller): GRD. SURFACE ELEVATION:		Raymark OU9 RI/ N1369 K. Jalkut Aquifer Drilling &		arro		TRANSCRIBED BY: RAC ELEVATION FROM:	BORING NO.: START DATE; COMPLETION; MON. WELL N CHECKED BY;	0.:			
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	DENSITY CONSIS or ROCI HARD.	i.	MATERIAL CLASSIFICATIO	ON .	USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
			SBP-SO-508A-0002 No samples for analysis 0' - 2'				Refer to Boring Log number 508 for soil profil	le descriptions from 0' – 4'			*
2			SBP-SO-508A-0204								
			No samples for analysis 2' - 4'	samples for analysis							
4			SBP-SO-508A-0406		Dense	Gray	Bentonite plug (former location)			Intercepted abandonment	
DAD 00 00 00 00 00 00 00 00 00 00 00 00 00		0.8'	Screening 1/28/04 @ 1550			Black	SILTY SAND, trace gravel, fine-medium sand subrounded to 1.5", wood chunks, metal, glas brush bristles, organic roots, reeds, twigs	SM/Fill	material (0.5' bentonite) at 4' – 4.5' (advanced same hole) Damp Poor recovery below	FID = 2.3 PID = 7.2	
6		0.7'	SBP-SO-508A-0608 Screening			Brown - Black	SILT, trace sand, trace gravel. Fine-medium gravel subrounded to ½°, paint waste, paint b plastic, metal, wood	sand, poorly graded, fine orush bristles, glass shards,		bentonite plug Saturated Petroleum odor Stained black?	FID = 0.7 PID = 3.8 No readings
		2'	1/28/04 @ 1610							Poor recovery due to nature of fill, especially paint residue (sticky)	
8				EOB @ 8' bgs	—		EOB @ 8' bgs - Backfill with bentonite chips (0.25'-0')	s (8'-0.25') and cold patch	V		
TYPE OF DRILLING RIG: METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: GROUNDWATER LEVELS: OTHER ORSERVATIONS: GEOPROBE – LT 54 DIRECT- PUSH TECHNIQUE MACRO-CORE Open tube continuous sampl N/A Approximate 7 – 7.5' bgs reported by driller Phase II Flag Number 337 Former L					ervals	Note: * = No samples PID/FID read	from 0' – 4' lings	~ no	NUS, Inc.		

BORING LOG FOR:	Raymark OU9 RI/FS		BORING NO.:	509
PROJECT NO.:	N1369		START DATE:	1/6/04
LOGGED BY:	K. Jalkut	TRANSCRIBED BY:RAC	COMPLETION: DATE:	1/6/04
DRILLED BY (Company/Driller):	Aquifer Drilling & Testing/S. Przybylski		MON. WELL NO.:	N/A
GRD. SURFACE ELEVATION:		ELEVATION FROM:	CHECKED BY:	JL
	CAMPINIO	WARRING TO THE TOTAL PROPERTY OF THE TOTAL P		7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7

DEPTH Part						_	_	_						
MATL CRISTITY CONSIS CLASSIFICATION CASSIFICATION		BLOWS			DEPTH	\$0	OL.			THE RESIDENCE OF THE PROPERTY	20.00.000	REMARKS	EIC	3 D
GEET) 6' SAMP LIGHS. SAMP LIGHS. SAMP LIGHS. SAMPLE NO. (QAVICC STATUS) PROFIT. WHAT DEVELOPMENT OF ROCK HARD. SPROFIT. WHAT DEVELOPMENT OF ROCK HARD. SPROFIT. WHAT DEVELOPMENT OF ROCK HARD. SPROFIT. WHAT DEVELOPMENT OF ROCK HARD. SPROFIT. SPROFI		PFR	REC.							MATERIAL	USC	S (moisture condition:		
NA SAMP CANGO STATUS PROFIL P	(FEET)		1									hadaaa, aaalaataat		
SBP-S0-509-0002 1.5' 2' SFP-S0-509-0004 1.5' 2' 2' SSP-S0-509-0004 1.5' 2' 2' Screening 1.5' 2' 2' Screening 1.5' 2' 3' SSP-S0-509-0004 1.5' 2' 3' SSP-S0-509-0004 1.5' 2' 3' SSP-S0-509-0004 1.5' 2' 3' SSP-S0-509-0004 1.5' 2' 3' SSP-S0-509-0004 1.5' 2' 3' SSP-S0-509-0004 1.5' 2' 3' SSP-S0-509-0004 1.5' 2' 3' Screening 1.5' 2' 3' Screening 1.5' 2' 3' Screening 1.5' 2' 3' Screening 1.5' 2' 3' Screening 1.5' 2' 3' Screening 1.5' 2' 3' Screening 1.5' 2' 3' Screening 1.5' 2' 3' Screening 1.5' 2' 3' Screening 1.5' 3'	,		SAMP	SAMPLE NO.				C	ıR	OB CONTON		oloopitionting, male		
SBP-SO-509-0002 Screening 1,500 @ 0930 Loss Brown Sity SAND, trace gravel. Fine-meditum sand, poorly graded, angular control program of 1,500 @ 0930 Write GRAVEL - trap counter gravel to 1, organic roots and to 1,500 more gravel to 1,500 more gravel to 1,500 more gravel to 1,500 more gravel to 1,500 more gravel to 1,500 more gravel to 1,500 more gravel to 1,500 more gravel subangular to 500	0	NA	LENG.	(QA/QC STATUS)				-	LIX	Grass Surface second field	BRK	(N classification; rock		
1.5					1 101 L	+		-						
Screening 1/8/04 @ 0930 White GRAVEL - trap rock, crushed stone layer, coarse gravel or rock fragments to 1.5°, burned/charred wood Trap rock fill 0.0 0.0 Trap rock fill Angular gravels Trap rock fill Angular gravels Brown SAND, trace gravel. Fine-medium sand, trace coarse sand, poorly graded, fine gravel subrounded to ½° EOB @ 4' bgs Backfill with bentonite chips (4'-1') and topsoil (1'-0')				SBP-SO-509-0002		J L.00	se	Bro	OWN	Silty SAND, trace gravel. Fine-medium sand, poorly graded, angular	SM/F		FID	PID
1 2 3 3 3 1 1 1 1 1 1 1			1.5'				- 1			coarse gravel to 1", organic roots	1	approximately 3"	0.0	0.0
1.5' 2 SBP-SO-509-0204 Screening 1/6/04 @ 0945 SAND, trace gravel. Fine-medium sand, trace coarse sand, poorly graded, fine gravel subrounded to %' EOB @ 4' bgs - Backfill with bentonite chips (4'-1') and topsoil (1'-0') Trap rock fill 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0			/ 2	Screening			_	180	nit o	CDAVEL trop rook anythod stone laws and a second and a few		· · · · ·	- 0.0	0.0
SBP-SO-509-0204 Screening 1.5' 2' 1/8/04 @ 0945 Brown SAND, trace gravel. Fine-medium sand, trace coarse sand, poorly graded, fine gravel subrounded to '%' EOB @ 4' bgs = Backfill with bentonite chips (4'-1') and topsoil (1'-0') Trap rock fill 0.0 0.0 0.0 Trap rock fill 7.00 0.0 0.0 0.0			/ 2			1 1	- 1	VVI	IIIG	GRAVEL — trap rock, crushed stone layer, coarse graver or rock tragments	Fall			
2 SBP-SO-509-0204 Screening 1/6/04 @ 0945 Tan-Gray GRAVEL, some sand. Mostly coarse gravel or rock fragments to 2°. Fine sand, well graded, some fine gravel subangular to ½° Brown SAND, trace gravel. Fine-medium sand, trace coarse sand, poorly graded, fine gravel subrounded to ½° EOB @ 4' bgs — Backfill with bentonite chips (4'-1') and topsoil (1'-0')	1			1/6/04 @ 0930		1 1	- 1		1	to 1.5, burned/charred wood		;	i	
2 SBP-SO-509-0204 Screening 1/6/04 @ 0945 Tan-Gray GRAVEL, some sand. Mostly coarse gravel or rock fragments to 2°. Fine sand, well graded, some fine gravel subangular to ½° Brown SAND, trace gravel. Fine-medium sand, trace coarse sand, poorly graded, fine gravel subrounded to ½° EOB @ 4' bgs — Backfill with bentonite chips (4'-1') and topsoil (1'-0')					1							Trop mot fill		<u> </u>
2 SBP-SO-509-0204 Screening 1/6/04 @ 0945 Trap rock file and, well graded, some fine gravel subangular to ½". Fine sand, well graded, some fine gravel subangular to ½". Fine sand, well graded, some fine gravel subangular to ½". Fine sand, well graded, some fine gravel subangular to ½". Fine sand, well graded, some fine gravel subangular to ½". Brown SAND, trace gravel. Fine-medium sand, trace coarse sand, poorly graded, fine gravel subrounded to ½". Damp sand EOB @ 4" bgs — Backfill with bentonite chips (4"-1") and topsoil (1"-0")					İ	1 1	- 1					rrap rock iiii	ا م	l nn l
SBP-SO-509-0204 Screening 1/6/04 @ 0945 Brown SAND, trace gravel. Fine-medium sand, trace coarse sand, poorly graded, fine gravel subrounded to 1/2* EOB @ 4' bgs - Backfill with bentonite chips (4'-1') and topsoli (1'-0') Trap rock fill Angular gravels 0.0 0.0 Damp sand Trap rock fill Angular gravels Damp sand EOB @ 4' bgs - Backfill with bentonite chips (4'-1') and topsoli (1'-0')]								"."	0.0
SBP-SO-509-0204 Screening 1/6/04 @ 0945 Brown SAND, trace gravel. Fine-medium sand, trace coarse sand, poorly graded, fine gravel subrounded to 1/2* EOB @ 4' bgs - Backfill with bentonite chips (4'-1') and topsoli (1'-0') Trap rock fill Angular gravels 0.0 0.0 Damp sand Trap rock fill Angular gravels Damp sand EOB @ 4' bgs - Backfill with bentonite chips (4'-1') and topsoli (1'-0')														
SBP-SO-509-0204 Screening 1/6/04 @ 0945 Brown SAND, trace gravel. Fine-medium sand, trace coarse sand, poorly graded, fine gravel subrounded to 1/2* EOB @ 4' bgs - Backfill with bentonite chips (4'-1') and topsoli (1'-0') Trap rock fill Angular gravels 0.0 0.0 Damp sand Trap rock fill Angular gravels Damp sand EOB @ 4' bgs - Backfill with bentonite chips (4'-1') and topsoli (1'-0')	1					1 1	- 1	٠,	L	↓			1	
Screening 1.5 / 2' 1/6/04 @ 0945 Brown SAND, trace gravel. Fine-medium sand, trace coarse sand, poorly graded, fine gravel subrounded to ½* EOB @ 4' bgs — Backfill with bentonite chips (4'-1') and topsoil (1'-0')	2					<u> </u>			<u> </u>	<u> </u>			1	
Screening 1.5 / 2' 1/6/04 @ 0945 Brown SAND, trace gravel. Fine-medium sand, trace coarse sand, poorly graded, fine gravel subrounded to ½* EOB @ 4' bgs — Backfill with bentonite chips (4'-1') and topsoil (1'-0')				SBP-SO-509-0204	1	1 T		Tan-	Gray	GRAVEL, some sand. Mostly coarse gravel or rock fragments to 2". Fine		Trap rock fill	i -	
Screening 1/6/04 @ 0945 Brown SAND, trace gravel. Fine-medium sand, trace coarse sand, poorly graded, fine gravel subrounded to 1/4* EOB @ 4' bgs = Backfill with bentonite chips (4'-1') and topsoil (1'-0')			15'		1	1 1	- 1			sand, well graded, some fine gravel subangular to 1/2"		Angular gravele	0.0	0.0
3 1/6/04 @ 0845 Brown SAND, trace gravel. Fine-medium sand, trace coarse sand, poorly graded, fine gravel subrounded to 1/4" SP Damp sand 0.0 0.0 EOB @ 4' bgs EOB @ 4' bgs - Backfill with bentonite chips (4'-1') and topsoil (1'-0')				Screening	ì	\vdash				3		Aligaidi graveis		<u> </u>
Brown SAND, trace gravel. Fine-medium sand, trace coarse sand, poorly graded, fine gravel subrounded to 1/4" EOB @ 4' bgs EOB @ 4' bgs - Backfill with bentonite chips (4'-1') and topsoil (1'-0')			/ 2'	, and the second second second second second second second second second second second second second second se	!	1 1								
Brown SAND, trace gravel. Fine-medium sand, trace coarse sand, poorly graded, fine gravel subrounded to 1/4" EOB @ 4' bgs EOB @ 4' bgs - Backfill with bentonite chips (4'-1') and topsoil (1'-0')	3		,	1/6/04 @ 0945		1 1	- 1	,			l L	1	1	
graded, fine gravel subrounded to 1/4" EOB @ 4' bgs EOB @ 4' bgs - Backfill with bentonite chips (4'-1') and topsoil (1'-0')	<u> </u>				1	\vdash	-	-	<u> </u>	·				
4	ļ					1 1	- 1	Bro	own	SAND, trace gravel. Fine-medium sand, trace coarse sand, poorly	SP	Damp sand	į .	i
EOB @ 4' bgs — Backfill with bentonite chips (4'-1') and topsoil (1'-0')					ļ		- 1			graded, fine gravel subrounded to 1/4"	1		İ	
EOB @ 4' bgs — Backfill with bentonite chips (4'-1') and topsoil (1'-0')									 				<u> </u>	
EOB @ 4' bgs — Backfill with bentonite chips (4'-1') and topsoil (1'-0')					Ì	₩	- 1				!		١	ا مما
4' bgs EOB @ 4' bgs – Backfill with bentonite chips (4'-1') and topsoil (1'-0')	4					1 '	- 1	١ ١	•		•		0.0	0.0
4' bgs EOB @ 4' bgs – Backfill with bentonite chips (4'-1') and topsoil (1'-0')					FOR @	1	_						 	
Loo (g. 4 bgs - backtin with bettorine crips (4-1) and topsoil (1-0)						İ	- 1						i i	
					~ 0g3					EOB @ 4' bgs - Backfill with bentonite chips (4'-1') and topsoil (1'-0')				
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	OF OPPOPER AN AN AN AN AN AN AN AN AN AN AN AN AN		
TYPE OF DRILLING RIG:	GEOPROBE 4 X 4 Mule		Tetra Tech NUS. Inc.
METHOD OF ADVANCING BORING:	DIRECT- PUSH		
METHOD OF SOIL SAMPLING:	MACRO-CORE Open tube continuous samples to 4' in 2' intervals		()
METHOD OF ROCK CORING:	N/A		
GROUNDWATER LEVELS:			
OTHER OBSERVATIONS:	Phase I Flag Number 771 Former Landfill Area – Soccer Field BO	RING NO.: 509	PAGE: 1 OF 1

BORING I	LOG FOR:		Raymark OU9 R	d/FS			В	ORING NO.:		_510	
PROJECT	NO.:		N1369				S	TART DATE:		1/6/04	
LOGGED	BY:		J. Lambert				TRANSCRIBED BY: DH C	OMPLETION: D	ATE:	1/6/04	
DRILLED	BY (Comp	any/Driller):	: Aquifer Drilling 8	k Testing/ Ro	b Ullmann			ION. WELL NO.	.:	N/A	
		EVATION:						HECKED BY:		JD	
	т					, , , , , , , , , , , , , , , , , , , ,		ana wanasta atau mwa kao ma Hujinta Tayanay ya ma			***************************************
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP	SAMPLING TIME & SAMPLE NO.	DEPTH MAT'L CHG./ WELL	DENSITY/ CONSIS. or ROCK	CLR	MATERIAL CLASSIFICATION		USCS or ROCK	REMARKS (moisture condition odors; geological classification; rock	DATA
0	N/A	LENG.	(QA/QC STATUS)	PROF'L	HARD,	CLIX	0' - 0.2' - Grass/roots		BRKN	weathering; etc.)	
	-	1.4'	SBP-SO-510-0002		Slightly Loose	Brown	0.2' - 0.5' - Silty fine-medium SAND, some organics, trace -rounded gravel	e subrounded	SM	Wet	PID=0.0 FID=0.0
1		2.0'	Screening 1/6/04 @ 1015			Black	0.5' - 0.6' - Fine-coarse SAND, and SLAG (fine-gravel-siz	ed)	SW/Fill		
				1		Brown	0.6' - 0.7' - Fine-medium SAND, some wood fibers		SP		
2						Light Brown Brown	0.7' - 0.9' - Fine-coarse SAND and GRAVEL 0.9' - 1.4' - Silty fine-medium SAND, some silt		SW SP	Moist	
	 		SBP-SO-510-0204	1		Gray-Green	0' - 0.7' - Fine-medium SAND, trace coarse sand		sw		PID=0.0
		1.2'	Screening			Black	0.7' - 0.9' - Silty fine SAND, some glass		SM/Fill	Wet	FID=0.0
3		2.0'	1/6/04 @ 1020			Gray-Green	0.9' - 1.0' - Silty fine SAND				
						Black	1.0' - 1.2' - Silty fine-medium SAND, some wood fragmen metal fragments (possible part of tin can), pla-	ts, some stic, glass			
4											
				EOB @ 4' bgs					_		
				1							
				1		 					
· ·					·	-					
				-		-			*		
						-					
TYPE OF	DRILLING I	RIG:	GEOPROBE – Tr	ack- mounter	(ria 2)					T-1 7	Food NUC Inc
		ICING BORII		vantou	· ··· 9 -/					letra l	Tech NUS, Inc.
	OF SOIL S		MACRO-CORE O	Open tube cor	ntinuous samn	les to 4 feet in 2	? foot intervals			\sim 1 \sim 6	
l l	OF ROCK		N/A	- 1							
	WATER LE										

Former Landfill area - Dorne Drive

BORING NO.: 510

Flag number 331

OTHER OBSERVATIONS:

Phase I

FID= B

PID= B

BORING L	OG FOR:		Raymark OU9 RI/	FS			BORING NO.:		511		
PROJECT NO.: N1369							START DATE:		1/6/04		
LOGGED	BY:		K. Jalkut				TRANSCRIBED BY: RAC COMPLETION	: DATE:	1/6/04	·····	
DRILLED I	BY (Compa	ıny/Driller):	Aquifer Drilling &	Testing/S.	^o rzybylski		MON. WELL N	IO.:	N/A		
GRD. SUF							ELEVATION FROM: CHECKED BY	:	JL		
							The state of the s	_			
DEPTH	BLOWS	SAMP REC.	SAMPLING TIME	DEPTH	SOIL			uscs	REMARKS		LD
(FEET)	PER	/ /	* * * * * * * * * * * * * * * * * * *	MAT'L CHG./	DENSITY.		MATERIAL	OL OC	(moisture condition;		ENING
(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	6"	SAMP	SAMPLE NO.	WELL	or ROCK	CLR	CLASSIFICATION	ROCK	odors; geological classification; rock		∖TA HOD ==
0	NA	LENG.	(QA/QC STATUS)	PROF'L	HARD.	QLIV	Grass Surface – soccer field	BRKN	weathering; etc.)		(PPM)]
			SBP-SO-511-0002	1	Dense	Brown	Sitty SAND, trace gravel. Fine-medium sand, poorly graded, 1 piece coarse	SM/Fill	Grass/root plug =	FID	PID
		2' /			ll I		subangular gravel to 2"	1 1	approximately 3"	0.0	0.0
		/ 2	Screening		-				- Damp		0.0
1		, -	1/6/04 @ 0950		♦			↓			
<u> </u>				-	Loose	Dark	GRAVEL FILL. Fine-coarse sand, well graded. Angular gravels or rock	Fill/GW	Trop rook 60		
				1	Loose	Gray	fragments, fine and coarse ½" to 2"	FHI/GVV	Trap rock fill	0.0	0.0
				1		 					
2											
			SBP-SO-511-0204							0.0	0.0
		2' /	Screening							0.0	0.0
		/ 2'		10	l I	Brown -	Quartz rock layer, crushed stone				
3		•	1/6/04 @ 0955		L J	Gray					
				10		l.			₩		
							+		Wet at bottom		
4					↓	↓	Coarse gravels only, similar to above	1 1	of sleeve	0.0	0.0
				EOB @		- 		_		0.0	0.0
I i				4' bgs			EOB @ 4' bgs - Backfill with bentonite chips (4'-1') and topsoil (1'-0')				•
<u> </u>				1		_	222 @ 7 232 232411 Wal 232441 @ 7 24 24 25 25 24 25 25 25 25 25 25 25 25 25 25 25 25 25	_			
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	DRILLING F		GEOPROBE - 4 X	4 Mule					Tetra Tech	NUS, I	nc.
METHOD OF ADVANCING BORING: DIRECT- PUSH											
METHOD OF SOIL SAMPLING: MACRO-CORE Open tube continuous samples to 4' in 2' inte							2' intervals			L Ì	
4	OF ROCK (N/A							L)	
GROUNDWATER LEVELS:										_	
OTHER O	BSERVATION	ONS:	Phase I Flag Nu	mber 773	Forme	r Landfill Are	ea – Soccer Field FID = A / PID = C BORING NO.:	511	PAGE: 1	OF	1

BORING LOG FOR:

Raymark OU9 RI/FS

BORING	LOG FOR:		Raymark OU9 Riv	/FS			BORING NO.: 512		
PROJECT	PROJECT NO.: N1369 COGGED BY: K. Jalkut						START DATE: 1/6/04		
LOGGED	BY:		K. Jalkut				TRANSCRIBED BY: RAC COMPLETION: DATE: 1/6/04		
DRILLED	BY (Compa	any/Driller):	Aquifer Drilling &	Testing/S. I	Przybylski		MON. WELL NO.: N/A		
	RFACE ELE			<u></u>			ELEVATION FROM: CHECKED BY: JL		
				-			<u>V.</u>		
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	CLASSIFICATION CLASSIFICATION CLASSIFICATION ROCK BRKN Grass Surface – soccer field CLASSIFICATION ROCK BRKN weathering: etc.)	SCREI DA METH	ELD ENING ATA HOD = (PPM)]
			SBP-SO-512-0002		Dense	Brown	Silty SAND, trace gravel. Mostly fine-medium sand, poorly graded, trace SM/Fill Grass/root plug =	FID	PID
		1.7'	Screening				coarse gravel subangular to 1/2", roots approximately 3" "	0.0	0.0
1		/ 2'	1/6/04 @ 1015		\downarrow		Damp		
)		Loose	Dark Gray	FILL, angular gravels to 2", glass shards, concrete pieces. Fine to coarse sand, well graded. Fill/GW Possible trap rock fill (rusted stone, rock fragments)	0.0	0.0
2									
		•	SBP-SO-512-0204	1					_
		1.8'	Screening				<u> </u>		
		/ 2'	Ocicennig				Fine and coarse ROCK FRAGMENTS or GRAVEL pieces, including quartz Damp		
3			1/6/04 @ 1020				pebble fragments	0.0	0.0
				1					
							<u> </u>		1
4					Dense	Black	SAND, some organic roots/reeds/fibers. Fine-medium sand, poorly graded SP/Fill Organic odor	181	0.0
				EOB @ 4' bgs			EOB @ 4' bgs – Backfill with bentonite chips (4'-1') and topsoil (1'-0')		
				-		-			
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<u></u>				0					
E .	DRILLING F		GEOPROBE – 4 X	4 Mule			Tetra Tech N	US II	nc.
		CING BORIN), <i>n</i>	
4	OF SOIL SA		MACRO-CORE OF	en tube con	tinuous sampl	les to 4' in 2	2' intervals	.]	
4	OF ROCK C		N/A					•]	
LGROUND	WATER LEV	/ELS [,]						,	

FID = A / PID = C

BORING NO.: 512

Former Landfill Area - Soccer Field

OTHER OBSERVATIONS:

Phase I Flag Number 774

1 OF

BORING L	OG FOR:		Raymark OU9 RI/	/FS					BORING NO .:			513	3		
PROJECT NO.: N1369 LOGGED BY: K. Jalkut									START DATE:		•	1/6	/04		
LOGGED	BY:		K. Jalkut				_	TRANSCRIBED BY: RAC	COMPLETION: 0	DATE	;	1/6	/04		
DRILLED I	BY (Compa	any/Driller):	Aquifer Drilling &	Testing/S. I	Przybylski		_	**************************************	MON. WELL NO	.:		N/A	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		
GRD. SUF								ELEVATION FROM:	CHECKED BY:			JL		•	
				Territoria .		-			### TO THE PROPERTY OF THE PRO			,	/A-1001 W-9/21170 LVV/		
555711	BLOWS	SAMP	SAMPLING TIME	DEFITH	SOIL	$\overline{}$				115	cs		REMARKS	FIE	
DEPTH (FEET)	PER	REC.		MAT'L	DENSITY			MATERIAL			r		noisture condition;	SCRE	
(' ')	6″	SAMP	SAMPLE NO.	CHG./ WELL	CONSIS. or ROCK		LR	CLASSIFICATION			CK		odors; geological lassification; rock	DA	
0	NA	LENG.	(QA/QC STATUS)	PROF L	HARD.		LIX	Grass Surface – soccer field		BR	KN	١	weathering; etc.)	IFID (IOD = PPM)]
			SBP-SO-513-0002		Dense	Br	own	Silty SAND, trace gravel. Mostly fine-medium sand with	th silt, poorly graded.	SM	/Fill		ss/root plug =	FID	PID
		1.5'			ll I	1	1	1 piece coarse gravel subangular to 1/2", organic roots					oximately 2.5"	0.0	0.0
		2'	Screening			_				-		Dam	qr		- 0.0
1 1		_	1/6/04 @ 1030			1	₩	↓		١ ،	,				ı
<u> </u>			,, a, c , t , t , c , c , c , c , c , c , c	Ⅎ	Loose	Grav	· Tan	GRAVEL, some sand. Mostly coarse gravel or rock fra	agracute subangular	CIA	//Fill	Tron	rock fill		
					Loose	Giay	I	to angular, crushed stone, fine-coarse sand, well grade		"	77 E 111		vel fill		ı
						-	-			ļ		0.0	1		
														0.0	0.0
2			000 00 540 0004	_		-	-	<u></u>			<u> </u>				
			SBP-SO-513-0204												i
		2 /	Screening and			_				<u> </u>	ļ				
	2' Confirmation 1/6/04 @ 1035				11									0.0	0.0
3		_	1/6/04 @ 1035	4	\vdash							Ш		0.0	
				1	l T		Ţ	1			L				Į
				1			Y			. '	<u> </u>		Damp		i
				1	Dense		Brown	Silty SAND. Fine-medium sand, organic roots		SM	/Fill		Damp 7	45.5	
4				}	Loose	BI	ack	SAND. Fine-medium sand organic roots		SP	/Fill	`		15.5	0.0
				EOB @											
				4' bgs				EOB @ 4' bgs - Backfill with bentonite chips (4'-1') an	d topsoil (1'-0')						i
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				<u>. </u>		T.				Ц.		<u> </u>			
TYPE OF	DRILLING F	RIG:	GEOPROBE – 4 X	4 Mule									Tetra Tech	NI IS I	
METHOD OF ADVANCING BORING: DIRECT- PUSH							_				, ona recir	. 100, II	10.		
METHOD OF SOIL SAMPLING: MACRO-CORE Open tube continuous samples to 4' in 2						4' in 2'	intervais	_					∟)		
METHOD OF ROCK CORING: N/A															
GROUND	GROUNDWATER LEVELS:													ン	
1	BSERVATION		Phase I Flag Nu	mber 777	II Area	- Soccer Field	BORING NO.: 513 PAGE: 1 OF 1					1			

BORING LOG FOR: PROJECT NO.: N1369 LOGGED BY: DRILLED BY (Company/Driller): GRD. SURFACE ELEVATION: BLOWS SAMP SAMPLING							TRANSCRIBED BY:DH	START DATE: COMPLETION: DA' MON. WELL NO.; CHECKED BY:	TE:	514 1/6/04 1/6/04 N/A JD	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION 0' - 0.1' - Leaf litter	R	SCS or OCK RKN	(moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		1.1'	SBP-SO-514-0002 Screening		Slightly Loose	Dark Red	0.1' - 0.3' - Brick/paving stone fragments		Füi	Dry	PID=0.0 FID=0.0
1		, 2.0	1/6/04 @ 1045	_			0.3' - 0.8' - Silty fine-coarse SAND and brick/paving sto	one fragments SM	M/Fill	Moist	
2		:			Slightly Dense	Yellow- Brown	0.8' - 1.1' - Silty fine-medium SAND		SM		
		1.0'	SBP-SO-514-0204 Screening		Slightly Loose	V	0' - 0.7' - Fine-coarse SAND, trace silt		sw		PID=0.0 FID=0.0
3		7	1/6/04 @ 1050	-	Slightly Dense	White Dark Brown	0.7' - 0.8' - GRAVEL (angular) 0.8' - 1.0' - Silty fine SAND		GP SM	Dry Moist	
4					\Box	1	V		 		
				EOB @ 3.5' bgs			Refusal at 3.5' – enough recovery to be OK				
									•		
TYPE OF I METHOD (METHOD (GROUND) OTHER OF	OF ADVAN OF SOIL S OF ROCK VATER LE	ICING BORII AMPLING: CORING: :VELS:	NG: DIRECT-PUSH	Open tube cor	ntinuous sampl	es to 4 feet in		BORING NO.: 514		Tetra Teca	h NUS, Inc.

BORING L			Raymark 009 RI/	FS				BORING NO.:			<u>515</u>			
PROJECT			N1369					START DATE:			1/6			
LOGGED			K. Jalkut				TRANSCRIBED BY: RAC	COMPLETION: I		:	1/6/			
		any/Driller):	Aquifer Drilling &	Testing/S.	Przybylski			MON. WELL NO	·.:		N/A	\		
GRD. SUP	RFACE ELI	EVATION:					ELEVATION FROM:	CHECKED BY:			JL			
	DI OLLIO	SAMP	SAMPLING	DEPTH	SOIL	_			30	***********	3	DEMARKS	1	
DEPTH	BLOWS PER	REC.	TIME	MAT'L	DENSITY/		MATERIAL			cs	_{(m}	REMARKS noisture condition;		ELD ENING
(FEET)	6"	/	&	CHG./	CONSIS.		CLASSIFICATION)C	"	odors; geological		ATA
		SAMP	SAMPLE NO.	WELL	or ROCK	CLR				CK KN	cl	lassification; rock	METI	HOD =
0	NA	LENG.	(QA/QC STATUS)	PROF'L	HARD.		Grass Surface – soccer field		ļ		_	weathering; etc.)		(PPM)]
			SBP-SO-515-0002	1	Dense	Brown	Silty SAND, trace gravel. Mostly fine-medium sand, s	silt, 1 piece coarse	SM	VFill	Gras	ss/root plug =	FID	PID
		1.6'	Screening	1			subrounded gravel to 1", organic roots		<u> </u>		appr Dam	oximately 3"	0.0	0.0
		/ 2°	_			1					Dan	iħ		
1			1/6/04 @ 1045										1	
					Loose	Tan - Gray			G۷	//Fill	Trap	rock fill or gravel fill	0.0	
				1	l I		subangular to angular 1/2" to 1 1/2". Fine to coarse san	d, well graded		I	Lι		0,0	0.0
				1					T		1			$\overline{}$
2			1								ΙI			İ
			SBP-SO-515-0204	1									i	
		2' /		1										
		/ 2°	Screening								1 1		 	
3		′	1/6/04 @ 1050										0.0	0.0
				1					 	 	\Box		 -	
				li .					l					
				li .					╁	 	 	Damp	 	
4						♦	1		,	₩			1	
				EOB @	_				┼		┼──		 	
				4' bgs			EOB @ 4' bgs – Backfill with bentonite chips (4'-1') a	nd topcoil /1' 0'\						İ
——							LOD @ + bgs Backin mar bentonite chips (+-1) at	na topson (1-0)	├		-			
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							<u> </u>						L.	
TYPE OF	DRILLING F	NG.	GEOPROBE – 4 X	4 Mule								- / - ·		
				- muic								Tetra Tech	NUS, I	nc.
METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: MACRO-CORE Open tube continuous samples to 4' in 2						' intervals								
METHOD OF ROCK CORING: N/A						- IIIQI PAIQ								
			1305 5			-								
	GROUNDWATER LEVELS: OTHER OBSERVATIONS: Phase I Flag Number 408 Former Landfill						ndfill Area – Soccer Field BORING NO.: 515			PAGE: 1 OF 1				1
														L

BORING L	OG FOR:		Raymark OU9 R	I/FS				BORING NO .:		516		
PROJECT	NO.:		N1369					START DATE:		1/6/04		
LOGGED	BY:		J. Lambert			<u></u>	TRANSCRIBED BY: DH	COMPLETION:	DATE:	1/6/04		
		any/Driller):	Aquifer Drilling 8	Testing/ Rob	Ullmann		**************************************	MON. WELL N	O.:	N/A		
	RFACE ELE	•					ELEVATION FROM:	CHECKED BY:		JD		
											- AND THE STREET	
	BLOWS	SAMP	SAMPLING	DEPTH	SOIL	1			USCS		MARKS	FIELD
DEPTH (FEET)	PER 6"	REC.	TIME &	MAT'L	DENSITY/		MATERIAL		or		condition;	SCREENING
(1,551)	· ·	SAMP	SAMPLE NO.	CHG./ WELL	CONSIS. or ROCK	CLR	CLASSIFICATION		ROCK		geological	DATA METHOD =
0	N/A	LENG.	(QA/QC STATUS)	PROF'L	HARD.	CLK	0' - 0.1' - Roots/leaf litter		BRKN		ation; rock ring; etc.)	[FID, (PPM)]
			SBP-SO-516-0002	- ITOLE	Slightly	Dark Red	0.1' - 0.2' - Brick/paving stone piece		Fill	Dry	inig, oto./	PID=0.0
		1.1'	05, 00 0 10 000		Loose	Brown	0.2' - 0.5' - Silty fine-coarse SAND, some angular gr	avel	SM	,		FID=0.0
			Screening		25555	Dark Red	0.5' - 0.8' - Silty fine-coarse SAND and brick/paving					115-0.0
		2.0'	4/0/04 @ 4405	11 1		Dark Red	0.5 - 0.6 - Sity line-coarse SAND and brick/paving	stone nagments				
1			1/6/04 @ 1105				<u> </u>		,	Moist		
				11	10 1	Black	0.8' - 1.0' - SLAG and fine-coarse SAND, some silt		Fill	10.1		
					d					1		7
		;			V	Yellow-	1.0' - 1.1' - Fine-coarse SAND, trace silt		SW			
2				11		Brown)	l.i		
-			SBP-SO-516-0204	-1	Slightly	Dark Red	0' - 0.3' - Fine-medium SAND, trace silt		SP	-		PID=0.0
1		1.7'		10 1	Dense				-	l A		FID=0.0
			Screening and Confirmation	nu u	Stightly	Yellow-	0.3' - 0.6' - Fine SAND, trace coarse sand, trace gra			1.0		11B-0.0
		2.0'			Loose	Brown	0.5 - 0.6 - 1 lite 0.44b, trace coalse sarid, trace gra	1401	<u> </u>			
3			1/6/04 @ 1110		Loose				V			- <u> </u>
· ·					11 1 1	Dark Brown	0.6' - 1.0' - Fine-medium SAND, trace coarse sand,	trace silt	SW/Fill	1		
				1		DIUWII						
						Black	1.0' - 1.7' - Fine-coarse SAND, trace gravel, some s	ilt, stained wood		↓		8
4							pieces		♦			
				EOB @								
				4' bgs	l							
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		1		TI.	11).			
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L					-	-	<u> </u>					
1	<u> </u>]			1	1						1
	<u> </u>		<u> </u>									
TVD= OF	DRILLING F	==	GEOPROBE Tr	ack- mounted /	(Pig 2)						Total T	AUTO :
				aux- mounted ((Ng Z)			_			Tetra Tech	NUS, Inc.
		CING BORIN	*****	Joan tuba as-t	inuaus samala	e to 4 feet in 5	foot intervals					_)
i i	OF SOIL SA		MACRO-CORE (pen tupe cont	muous sample	5 (U 4 1881 III Z	HOUR HINGI YOR					
i i	OF ROCK (N/A					-			(-)
l.	WATER LE		Dhan I die e	DID- 5	, F1_	a aumber 404	Formar Landfill area Deve Deter	TROPING NO. 3	10			
OTHER O	BSERVATI	ONS:	Phase I FID=B	PID= E	tia	g number 401	Former Landfill area – Dorne Drive	BORING NO.: 5	16		PAGE:	OF 1

PROJECT LOGGED DRILLED	PROJECT NO.: LOGGED BY: DRILLED BY (Company/Driller): GRD. SURFACE ELEVATION: Raymark OU9 RI/FS N1369 J. Lambert Aquifer Drilling & Testing/ Rob Ulimann				Ullmann		TRANSCRIBED BY: DH ELEVATION FROM:	BORING NO.: START DATE: COMPLETION: DATE: MON. WELL NO.: CHECKED BY:			516A 1/29/04 1/29/04 N/A JD			
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION		USCS or ROCK BRKN	(mois odo class	REMARKS sture condition; urs; geological sification; rock athering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]		
1			No samples Collected from 0' - 4' bgs				Refer to Boring Log Number 516 for soil profi	ile details from 0-4'		į				
2														
3										-				
4										-				
		1.8'	SBP-SO-516A-0406 Screening and		Slightly Dense	Dark Brown	0' - 0.9' - Silty fine SAND, trace sub-angular of	gravel	SM	Moist		PID=0.0 FID=7.2		
5		2.0'	confirmation 1/29/04 @ 1015			Dark Gray	0.9' - 1.2' - Fine SAND, some medium sand,		SP/Fill					
						Dark Brown	1.2' - 1.8' - Silty fine-medium SAND, some w	ood and glass fragments	SM/Fill					
6		0.9'	SBP-SO-516A-0608		,		0' - 0.1' - Aluminum foil and glass, trace soil		₩			PID=300.4 FID=0.0		
7		2.0'	1/29/04 @ 1025			Dark Gray- Brown	0.1' - 0.3' - Fine-medium SAND, trace silt		SP		Organic odor			
8				EOB @ 8' bgs	V	Black	0.3' - 0.9' - Silty fine-medium SAND, trace gra	avel	SM	₩et	· · · · · · · · · · · · · · · · · · ·			
METHOD METHOD METHOD	DRILLING R OF ADVANC OF SOIL SA OF ROCK C WATER LEV	CING BORIN MPLING: ORING:	GEOPROBE - Trac G: DIRECT- PUSH MACRO-CORE Op N/A Approximately 7.5'	en tube conti		to 4 feet in :	2 foot intervals	Note: Phase II Screenir	ng = Asbesto Metals	s and	- Tetra Tech	NUS, Inc.		

Former Landfill area – Dom Drive BORING NO.:

516A

OTHER OBSERVATIONS:

Phase II FID= B

PID= 8

Old Flag number 401

DEPTH (FEET)	BLOWS		N1369 K. Jalkut Aquifer Drilling & Testing/S. Przybylski				TRANSCRIBED BY: RAC COMPLETIO MON. WELL ELEVATION FROM: CHECKED B°	NO.:	1/6/04 1/6/04 N/A JL		
	PER 6* NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO- (QA/QC STATUS) SBP-SO-517-0002 Screening 1/6/04 @ 1100	DEPTH MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION Grass Surface – soccer field	USCS or ROCK BRKN	(moisture condition; odors; geological classification; rock weathering; etc.) Grass/root plug = approximately 3" Damp Trap rock fill, gravel fill	FIELD SCREENING DATA METHOD = [FID, (PPM)]	
					Dense	Red- Brown Tan-Gray	Silty SAND, trace gravel. Fine-medium sand, poorly graded, 1 piece fine gravel subrounded to ¼"	SM/Fill		FID I	PID 0.0
1					Loose		GRAVEL, some sand. Fine and coarse angular gravel to 1.5°, fine to coarse well graded sand	GW/Fill			
									Partial recovery, compressed soil or loose soil from fill	0.0	0.0
2							↓	1			
		1.9'	SBP-SO-517-0204 Screening				GRAVEL, some sand, similar to above		Unit continues at 2' – saturated gravel	0.0	0.0
3		/ 2°	1/6/04 @ 1105				SAND, mostly fine-medium sand, poorly graded	SP/Fill			
				1	+	<u> </u>		. ↓			
4					Dense	Brown	SILT with organic roots/reeds	ML/Fill		0.0	0.0
	-	,		EOB @ 4' bgs			EOB @ 4' bgs – Backfill with bentonite chips (4'-1') and topsoil (1'-0')				
										_	
				-	-			-			
_					<u> </u>	-					
		=									
TYPE OF DR METHOD OF METHOD OF METHOD OF GROUNDWA	F ADVANG F SOIL SA F ROCK C ATER LEV	CING BORIN MPLING: ORING: /ELS:	GEOPROBE – 4 X G: DIRECT- PUSH MACRO-CORE O N/A	pen tube con			- Special BORING NO	517	Tetra Tech	NUS, I	inc.

BORING LOG FOR: Raymark OU9 RI/FS							BORING NO.:	Ę	518				
PROJECT NO.: N1369							START DATE:	_	1/6/04				
LOGGED BY: J. Lambert					TRANSCRIBED BY: DH COMPLETION: D			_	1/6/04				
DRILLED BY (Company/Driller): Aquifer Drilling & Te			Testing/ Ro	b Ullmann		_	MON. WELL NO			_	V/A		
GRD. SURFACE ELEVATION:						_	ELEVATION FROM: CHECKED BY			_	ID		
						_	_			A highest franching age grows a minimum minimum and a second at the second and a second a second and a second and a second and a second and a second and a second and a second and a second and a second and a second a second and a second and a second and a second and a second and			_
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP	SAMPLING TIME & SAMPLE NO.	MAT'L CHG./ WELL	DENSITY/ CONSIS. or ROCK	c	LR		TERIAL IFICATION		USCS or ROCK	(moisture condition; odors; geological classification; rock	FIELD SCREENING DATA METHOD =
0	N/A	LENG.	(QA/QC STATUS)	PROF'L	HARD.		0' - 0.1' - Roots/leaf litter			BRKN	weathering; etc.)	[FID, (PPM)]	
		1.3'	SBP-SO-518-0002 Screening		Slightly Loose	Brown	own	0.1' - 0.4' - Silty fine-coarse SAND, some fine gravel			SM	Moist	PID=0.0 FID=0.0
		2.0'	Screening			Darl	Red	0.4' - 0.7' - Brick/paving stone fragme	ents	<u> </u>	Fill	♦	
1		,	1/6/04 @ 1135					0.7' - 0.8' - Silty fine-medium SAND, some brick/paving stone fragments			SM/Fill	Wet	
					V			gravel-sized)					
					Slightly	Dark	Brown	0.8' - 1.1' - Silty fine-coarse SAND, tra	ace wood pieces		SM	Maint	
2					Dense	Dari	Red	1.1' - 1.3' - Fine-medium SAND, some	-		SP	Moist	C.
			SBP-SO-518-0204	1			▼	0' - 0.1' - Similar material to above			₩		PID=0.0
			Screening			Red-	Brown	0.1' - 0.6' - Silty fine-medium SAND,	some gravel (rou	nded)	SM		FID=0.0
		2.0'	Screening			Gr	een-	0.6' - 1.3' - Silty fine-medium SAND,	trace coarse sar	nd, trace gravel			
3			1/6/04 @ 1140			Br	own	(rounded/subrounded)	1		_		
					10								
					v .								
4					. 🔻	<u> </u>	<u> </u>		<u> </u>		₩	<u></u>	
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				4' bgs									/.
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		1					_	····					
				,									
TYPE OF	DRILLING	RIG:	GEOPROBE Tr	ack- mounted	(rig 2)							Tetra Tech	NUS Inc
METHOD	OF ADVA	NCING BORII										10011	1100, 1110.
		AMPLING:	MACRO-CORE C	Open tube con	ntinuous sampl	les to 4	feet in 2	foot intervals					∟Ì
METHOD			N/A									_ _ [■1	G)
GROUND				n ====================================			4.0	F 1011		<u> </u>			<u></u>
OTHER OBSERVATIONS: Phase FID= B PID= B Flag number 440 Former Landfill area - Dorne Drive BORING NO.: 518 PAGE: 1 OF									OF 1				

LOGGED	GED BY: K. Jalkut LED BY (Company/Driller): Aquifer Drilling & Testing/S. Przybylski							TRANSCRIBED BY: RAC	COMPLETION:		1/6/04		
			Aquifer Drilling &	Testing/S. I	Przybylski		_	ELEVATION EDOM	MON. WELL NO	D.:	N/A		
GRD. SU	RFACE ELI	EVATION:					_	ELEVATION FROM:	CHECKED BY:		JD		
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	c	CLR	MATERIAL CLASSIFICATION Grass Surface – Soccer Field		USCS or ROCK BRKN	(moisture condition; odors; geological classification; rock weathering; etc.)	SCRE DA METH	ELD ENING ATA HOD = (PPM)]
		4.01	SBP-SO-519-0002		Dense	Bı	rown	Silty SAND, some gravel. Fine-medium sand, poorly gr gravel subrounded to 1.5"	aded, coarse	SM/GM	Grass root plug = approximately 2"	FID	PID
		1.9'	Screening		<u> </u>	-	-			Fill	Damp	0.0	0.0
1		/ 2°	1/6/04 @ 1130		Loose		↓	SAND. Fine-medium sand, poorly graded		SP/Fill		0.0	0.0
							ray- rown	GRAVEL, some sand. Fine to coarse sand, well graded subangular to angular fill	d, coarse gravel,	GW/Fill		0.0	0.0
2					Dense	Red	-Brown	Silty SAND, trace gravel. Fine-medium sand, poorly grasubrounded to ½"	aded, fine gravel	SM/Fill	Wet @ 2'	0.0	0.0
		2 /	SBP-SO-519-0204 Screening and							-			
3		2'	Confirmation 1/6/04 @ 1145		Loose	Tan	-Gray	SAND, trace gravel. Fine-medium sand, poorly graded, piece coarse gravel subrounded to 3/4"	seashells, 1	SP/Fill		0.0	0.0
							\downarrow	- similar to above			Damp only Upgrade to C' for end of		
4					Dense	В	lack	WASTE – compressed soil with long, shiny fibers (PAC silty sand and organic roots/reeds, plastic piece (white)	M), mixed with	SMFill	2-4	50.7	0.0
				EOB @ 4' bgs				EOB @ 4' bgs Backfill with bentonite chips (4'-1') and	topsoil (1'-0')		No getextile – 2" X 1.5"		
				-				<u> </u>					
- '					<u> </u>	-							
				-		-				*			_
					ļ	-							
									J.				
	DRILLING I	RIG: CING BORIN	GEOPROBE - 4 X	(4 Mule					Note:		Tetra Tech	NUS, I	nc.
METHOD	METHOD OF SOIL SAMPLING: MACRO-CORE Open tube continuous samples to 4' in 2' METHOD OF ROCK CORING: N/A					' in 2' ir	tervals	PACM = Potential			⊩Ì		
	THOD OF ROCK CORING: N/A DUNDWATER LEVELS:						containin	g material	[•				
	JNDWATER LEVELS: R OBSERVATIONS: Phase I Flag Number 772				Form	ner La	ndfill Are	ea	BORING NO.: 5	19	PAGE: 1	OF	1

START DATE:

519

1/6/04

Raymark OU9 RI/FS

N1369

BORING LOG FOR:

PROJECT NO.:

1

PROJECT	NO.:		N1369		•			START DATE:		1/21/0)4	
LOGGED			J. Lambert				TRANSCRIBED BY: RAC	COMPLETION	I: DATE;	1/22/0)4	
	BY (Compa		Aquifer Drilling & To	esting/Rob L	Jilmann			MON. WELL N		_N/A		
GRD. SUF	RFACE ELI	EVATION:					ELEVATION FROM:	CHECKED BY	Έ.	_JD		
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIA CLASSIFICA		USCS or ROCK BRKN	(moist odor class	EMARKS ture condition; s; geological ification; rock thering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
			SBP-SO-519A-0002			1	Refer to Boring Log Number 519 for soil	profile details from 0' - 4' bgs				
			Full Suite-less dioxin and SPLP, MS/MSD			-						
1			1/21/04 @ 1515	_								
											-	
2												
			\$BP-SO-519A-0204					•				
			Full Suite, less dioxin and SPLP			1			-			
3			1/21/04 @ 1535	-		1						
									1 1	l		
ļ						-	-		-	-		
4							•				:	
<u> </u>		1.8'	SBP-SO-519A-0406 Full Suite, less dioxin		Slightly Dense	Black	0' - 0.5' - Fine sandy SILT, some reed throughout	fragments, trace fibers (PACM)	Fill	Moist	PACM in sample	PID = 0.0
		2'	and SPLP			Dark Gray	0.5' - 0.6' - Fine silty SAND, trace coars		SM		Slight odor	
5			1/21/04 @ 1600	- 1		Black	0.6' - 0.8' - Fine to coarse SAND, some burn layer	e charcoal fragments, possible	SW/Fill		ong odo.	FID = 12.1
				1 .		Dark Gray	0.8' - 1.3' - Fine to coarse SAND, some					
						Brown	1.3' – 1.5' – Silty fine SAND, some medic		*	↓		
6			000 00 5404 0000			Dark Brown	1.5' - 1.8' - Fine to coarse SAND, some	silt	SM	<u></u>		
		1.8'	SBP-SO-519A-0608 Full Suite, less dioxin			Dark Gray	0' – 0.4' – Silty fine-medium SAND 0.4' – 0.6' – Silty fine-coarse SAND		 	Wet		PID = 0.4
7		2'	and SPLP 1/22/04 @ 0815			Brown	0.6' - 1.0' - Fine to coarse SAND, some		sw *			FID = 0.0
		·				Dark Brown	1.0' 1.5' Fine to coarse SAND, some	silt, trace metal fragments	SW/Fill		PACM in	
8					Hard	White	1.5' – 1.8' – Fiberous hard (concrete like asbestos like fibers (PACM		Fill	↓	sample (dry)	
TYPE OF	DRILLING F	liG-	GEOPROBE – Ti	ack - mounte	ad (rin 2)			Note:			T. 4 T	411/0
	OF ADVAN			ack - mounte	su (ng 2)			Full Suite = SVOCs, Pe			Tetra Tech	NUS, Inc.
METHOD	OF SOIL SA	MPLING:	MACRO-CORE (Open tube co	ntinuous sam	ples in 2' interva	als .		oxin, SPLP n asbestos, a		(∟Ì
1	OF ROCK (N/A					PACM = Potential asbes			[47	إما
	WATER LE' BSERVATIO		Approximately 8' Phase II Old	ogs I Flag Numbe	r 772	Former I andfill	Area - Soccer Field FID/PID = F	material BORING NO.:	5104		DACE: 4	<u> </u>
CHIEK O	DOPI/AVII/	,,1U.	i hase ii Oit	rug . turribe		CALLET LEITUIN /	TOUR OCCUPATIONS THE PROPERTY OF THE PROPERTY	BONING NO.,	JIJA		PAGE: 1	OF 2

519A

BORING LOG FOR:

BORING L	OG FOR:		Raymark OU9 RI/FS						BORING NO.:		519A	
PROJECT	NO.:		N1369						START DATE:		1/21/04	
LOGGED	BY:		J. Lambert				TRANSCRIBED BY: _	RAC	COMPLETION: DAT	E:	1/22/04	
DRILLED	BY (Compa	any/Driller):	Aquifer Drilling & Tes	sting/Rob Ul	lmann		_		MON. WELL NO.:		N/A	
GRD. SUF	RFACE ELI	EVATION:					ELEVATION FROM: _		CHECKED BY:		JD	
		04445	1 041401110	and the second				**************************************	Manager Village Villag	The same of the same	· · · · · · · · · · · · · · · · · · ·	
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR		MATERIAL CLASSIFICATION	RC	SCS or OCK RKN	REMARKS (moisture condition; odors; geological classification; rock	FIELD SCREENING DATA METHOD =
			SBP-SO-519A-0810	11101 2	Slightly Loose	Black	Fine sandy SILT, some woo (possible newspaper)	d fragments, trace deteriorat	ted paper ML	/Fill We	weathering; etc.) et	[FID, (PPM)]
-		0.7'	Full Suite, less dioxin and SPLP		Loose		(possible flewspaper)					PID = 0.0
9			1/22/04 @ 0900	-								FID = 278.2
10		:								\prod ,	,	
				EOB @	-	- 				<u> </u>	·	
				10' bgs		-						
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										\$		
												
	<u> </u>			e e	_							
1	DRILLING F		GEOPROBE - Tra	ck – mounted	d (rig 2)			Note:	ita = 81/00 - 5 - 5 : :	/00=	Tetra Tech	NUS, Inc.
		CING BORIN						Full Su	ite = SVOCs, Pesticide metals, dioxin, Si	S/PCB\$, P[P metak		$\overline{}$
	OF SOIL SA		MACRO-CORE O	pen tube con	tinuous sampl	es in 2' inter	vals		and PCBs, asbest	tos, and V		- l
	OF ROCK (N/A					PACM	= Potential asbestos co	ntaining	[•	le j
	ROUNDWATER LEVELS: Approximately 8' bg				770 -		M A O	NOID E	material			
OTHER O			Phase II Old I	Flag Number	7/2 FC	ormer Landfi	Il Area – Soccer Field FII	D/PID = F I	BORING NO.: 519A		PAGE: 2	OF 2

BORING L PROJECT			Raymark OU9 R N1369	I/FS				BORING NO.: START DATE:		520 1/6/04	·
LOGGED			J. Lambert				TRANSCRIBED BY: DH	COMPLETION:	DATE:	1/6/04	
DRILLED I	3Y (Comp	any/Driller):	Aquifer Drilling 8	Testing/ Ro	ob Ullmann			MON. WELL NO		N/A	
GRD. SUR	FACE EL	EVATION:					ELEVATION FROM:	CHECKED BY:		JD	
··	BLOWS	SAMP	SAMPLING	_		_	The state of the s				3
DEPTH	PER	REC.	TIME	DEPTH MAT'L	DENSITY/		MATERIAL		USCS	REMARKS	FIELD
(FEET)	6"	1	&	CHG./	CONSIS.		CLASSIFICATION		or	(moisture condition; odors; geological	SCREENING DATA
		SAMP	SAMPLE NO.	WELL	or ROCK	CLR			ROCK	classification; rock	METHOD =
0	N/A	LENG.	(QA/QC STATUS)	PROF'L	HARD.		0' - 0.1' - Leaf litter/roots		BRKN	weathering; etc.)	[FID, (PPM)]
			SBP-SO-520-0002		Slightly	Brown	0.1' - 0.4' - Silty fine-coarse sand, some organics (roots)		SM	Moist	PID=0.0
		1.3'	Screening		Loose		L				FID=0.0
		2.0'	Octobring			Dark	0.4' - 0.6' - Brick/paving stone fragments		Fill		
1			1/6/04 @ 1200		l.	Red	0.6' - 0.7' - Fine-medium SAND and brick		\$P/Fill		
					Loose	Brown	0.7' - 1.3' - Fine-coarse SAND, trace silt, trace gravel, gl	ass	SW/Fill		
2						▼			🗡		
			SBP-SO-520-0204	1		Dark	0' - 0.5' - Fine-medium SAND, trace gravel, trace silt		SP		PID=0.0
		1.4'	Screening and			Red			"		FID=0.0
		2.0'	Confirmation			Brown	0.5' - 0.7' - Silty fine-coarse SAND		SM		
3		/	1/6/04 @ 1205			Black	0.7' - 0.8' - Fine-coarse SAND, some organics (roots, wo	ood fragments)	SW		
								<u> </u>	7		
						Tan	0.8' - 1.2' - Fine-medium SAND, trace coarse sand				
						Dark	1.2' - 1.4' - Brick		Fill		
4						Daix	1.2 - 1.4 - 51160		FML		
7				EOB @		_					
				4' bgs							
				+ bgs	-				-		
				-							
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					1 1				,		
					1 1	0 1			11		
									2		_
TYPE OF I	DILL INC	BIO:	GEOPROBE Tr	ack- mounted	1 /ria 2)						
E .		KIG: ICING BORII	***	aca- mountet	4 (19 4)			_		Tetra Tecl	h NUS, Inc.
METHOD			MACRO-CORE C	oen tube co	ntinuous samo	les to 4 feet	in 2 foot intervals	_			-)
METHOD (N/A					_			
GROUND			· · · · · ·					_			
OTHER OF			Phase I FID=B	PID= E	Flag	number 4	89 Former Landfill area – Dome Drive	BORING NO.: 5	20	PAGE:	1 OF 1

PROJECT			N1369				START DA		1/6/04		
LOGGED			K. Jalkut	T4'40 F	S		TRANSCRIBED BY: RAC COMPLETI		1/6/04		
	BY (Compa RFACE ELE		Aquifer Drilling &	resting/S. F	Przydyiski		MON. WEL		N/A		
GRD. SUF	CPACE ELE	WATION:					ELEVATION FROM: CHECKED	BY:	JL		
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION Grass Surface – soccer field	USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	SCRE DA METH	ELD ENING ATA HOD = (PPM)]
			SBP-SO-521-0002		Dense	Red- Brown	Silty SAND, trace gravel. Fine-medium sand, poorly graded, organic ro	ots, SM/Fill	Grass/root plug =	FID	PID
		1.5'	Screening		<u> </u>	BIOWII	1 piece coarse suprounded graver to %		approximately 2.5" Damp	0.0	0,0
1		/ 4	1/6/04 @ 1200			•	↓				
					Loose	Gray	GRAVEL, some sand. Fine-coarse angular and subangular gravels ½" 1½", quartz pebbles, rock fragments	- GW/Fill	Trap rock/gravel fill layer	0.0	0.0
2									Wet at 2'		
		471	SBP-SO-521-0204							0.0	0.0
		1.7'	Screening						4		
3			1/6/04 @ 1210	_							
							↓	. ↓			
4					—	Brown	SAND. Fine-medium sand, poorly graded, seashell fragments, organic fibers	SP/Fill	Dry	0.0	0.0
		··		EOB @	-					<u> </u>	
				4' bgs		ļ	EOB @ 4' bgs – Backfill with bentonite chips (4'-1') and topsoil (1'-0')		_	ļ	
											
					٠				_	<u></u>	
· · · · ·					<u> </u>				4		
								,			
						1			4		
TYPE OF	DRILLING F	IG.	GEOPROBE 4 X	4 Mule					Tetra Task	A// 10	
		IIG. CING BORIN							Tetra Tech	NUS, I	riC.
1	OF SOIL SA		MACRO-CORE O	en tube con	tinuous samį	ples to 4' in	2' intervals			∟)	
METHOD	OF ROCK O	ORING:	N/A							C	
1	WATER LE										
OTHER O	BSERVATION	NS:	Phase I Flag Nu	mber 778	Former	Landfill Ar	a - Fringe of Soccer Field BORING NO.:	521	PAGE: 1	OF	1

521

Raymark OU9 RI/FS

	NO.: BY: BY (Comp	any/Driller EVATION:			M. Sarro		TRANSCRIBED BY: RAC ELEVATION FROM:	BORING NO.: START DATE: COMPLETION: D MON. WELL NO. CHECKED BY:		521A 1/27/04 1/27/04 N/A JL	
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD!	CLR	MATERIAL CLASSIFICATION		USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
1		2.0'	SBP-SO-521A-0002 Full Suite less Dioxin and SPLP 1/27/04 @ 0940	,,,,,,,,			Refer to Boring Log Number 521 for soil profile descript	ions from 0' – 4' bgs		Grass/root plug = approximately 3" No visible PACM/waste approximately 1.5' No visible geomembrane VOC fraction taken at 1.5' – not too gravelly,	FID = 0 PID = 0
2			SBP-SO-521A-0204							random selection No visible PACM/waste	FID = 0
3		1.6' 2.0'	Full Suite less Dioxin and SPLP 1/27/04 @ 1000							No visible geomembrane VOC fraction from sand unit at bottom of sleeve (random)	PID = 0
4							\				
		2.0'	SBP-SO-521A-0406 Full Suite less Dioxin and SPLP		Loose	Tan Brown Gray Brown	SAND, fine-medium grained, poorly graded, seashells, Silt, trace sand, fine sand, poorly graded. Possible clay		SP/Fill	Damp No visible PACM/waste No geomembrane visible	FID = 0 PID = 0
5			1/27/04 @ 1036		Loose	Black	SAND, trace silt, trace gravel, fine-medium sand, trace graded, fine gravel to ½" subrounded, glass, tarpaper, p			Damp VOC fraction taken at approximately 5.5'	
6		1.6'	SBP-SO-521A-0608 Full Suite screening of		. 🔻	Tan	GRAVEL, some sand, fine-medium sand, trace coarse fine and coarse subrounded gravel ½" – 1 ½", rock frag		¥ SP/Fill	(random) Trap rock layers in upper 6"	FID = 8.9 PID = 0
7		2.0'	visible waste 1/27/04 @ 1055		Dense	Black	WASTE – compressed material with long shiny fibers n some subangular gravel to 3/4"	nixed with silty sand,	Waste/ Fill	Wet at 7'	FID = 157 PID = 0
						Black/ Gray	WASTE - pasty material with long shiny fibers mixed in plastic, metal	wood chunk, glass,		PACM/waste visible, pasty caulk like material at approximately 7'	FID = 312 PID = 0
8				EOB @ 8' bgs	_		EOB @ 8' bgs – Backfill with Bentonite chips (8' – 1') a	лd topsoil (1' – 0')		at approximately /	
METHOD METHOD METHOD	DRILLING OF ADVAN OF SOIL S OF ROCK	ICING BOR AMPLING: CORING:	GEOPROBE – L' Direct Push Tech Macro-Core Opel N/A	nique n tube. Contir			vals Full Sui	= Potential asbestos cont te = SVOC, Pesticides/Po dioxin, SPLP metals asbestos, and VOCs	CBs, meta and PCBs	ls,	NUS, Inc.

Approximately 7.8' bgs (driller reports 0.2' water in borehole)

Phase II – Former Landfill Area – Flag number 778 – PID = B, FID = E

GROUNDWATER LEVELS:

OTHER OBSERVATIONS:

PAGE: 1 OF

BORING NO.: 521A

	NO.: BY: BY (Com	pany/Driller	N1369 J. Lamber): Aquifer Dr	OU9 RI/FS rt rilling & Testing/ F	Rob Ulimann			BED BY: DH		BORING NO.: START DATE: COMPLETION MON. WELL N	I: DATE: IO.:	522 1/6/0 1/6/0 N/A		
GRD. SUF	RFACE E	LEVATION:					ELEVATION	FROM:	-	CHECKED BY	' :	_JD_		
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO (QA/QC STATU	MAT'L CHG./ WELL JS) PROF'L	DE NSITY/ CONSIS. or ROCK HARD/	CLR		MATERIAL CLASSIFICATion	ON		USCS or ROCK BRKN	(mois odo class	sture condition; rs; geological sification; rock athering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		1.2'	SBP-SO-522-000	2	Loose	Brown	0.2' - 0.5' - Silt	y medium-coarse SAND, so	ome organics	(roots)	SM	Moist		PID=0.0 FID=0.0
1		2.0'	Screening 1/6/04 @ 1220			Gray	0.5' - 0.8' - (fra	ctures) coarse GRAVEL			GP	Dry		112 0.0
					Slightly Loose		0.8' - 0.9' - Fin	e-coarse SAND, trace silt			sw	Moist		
2						Dark Red	0.9' - 1.2' - Fin	e-medium SAND, trace silt		.	SP 1			
	-	1.3	SBP-SO-522-020	14		1	0' - 0.1' - Sin	nilar to above			+		_	PID=0.0 FID=0.0
3	·	2.0'	Screening 1/6/04 @ 1225			Brown I		e-coarse SAND, trace fine one of plastic	gravel (round	ed-subrounded),	SW/Fill	↓		
					Slightly Dense	Black	0.8' - 1.1' - Wo	od (soft decomposed)			, Fill	Wet		
4					Slightly Loose	Dark Brown	1.1' - 1.3' - Silt	y fine-medium SAND and g	lass		SM/Fill			
				EOB @ 4' bgs					•					
				_										
,														
				_							*			
										···				
METHOD METHOD	OF ADVA OF SOIL : OF ROCK	NCING BOR SAMPLING: CORING:	ING: DIRECT- F	BE – Track- mounte PUSH ORE Open tube co		oles to 4 feet	in 2 foot intervals						Tetra Teci	NUS, Inc.
GROUND!			Phase I	FID=B PID=	B Flag	number 531	Former Lan	dfill area – Dorne Drive		BORING NO.:	522		PAGE:	1 OF 1

PROJECT NO: M1359	BURING L			Raymark 009 Ri	/FS			BORING NO.:		523		
DRILLED BY (CompanyOrling)					***	·						
SERVICE SELEVATION SAMPLE ING SAMPLE I								· · · · · · · · · · · · · · · · · · ·				
Septe Sept				Aquifer Drilling &	Testing/S.	Przybylski) .:	N/A		
DEFT PER REC. TABLE MATIL DENSITY CHIEF TABLE CHIEF TABLE CHIEF TABLE CHIEF TABLE CHIEF TABLE CHIEF	GRD. SUF	RFACE ELI	EVATION:					ELEVATION FROM: CHECKED BY:		JL		
DEFT PER REC. TABLE MATIL DENSITY CHIEF TABLE CHIEF TABLE CHIEF TABLE CHIEF TABLE CHIEF TABLE CHIEF			CAMAD	CAMPLING	SCHOOL SECTION					A particular control of the control		
SAMP LENG. QAVGC STATUS) NA LENG. QAVGC STATUS) NA SAMPLE NO. QAVGC STATUS) PROFIT LENG. QAVGC STATUS) PROFIT PR	DEPTH							MATERIAL	uscs			
SAMP LENG. ONGO STATUS PROFIL PROFIL SBP-SO-523-002 Screening 1			1	&								
Watering (CA) PROF. MARD. CANADA C							CLR	OB IOSTI IOSTI ON				
SRP-S0-523-0002 Seriening 19804 @ 1230 2 2 SRP-S0-523-0204 SRP-S0-523-0204 Close Brown	0	NA	LENG.	(QA/QC STATUS)	PROF'L	HARD.		Grass Surface – soccer field	BRKN	weathering; etc.)	IFID.	(PPM)I
Screening 1				SBP-SO-523-0002		Dense	Red-		SM/Fill			
1 1 1 1 1 1 1 1 1 1			2' /		1	1 1 1	Brown	gravel subrounded to 1/2" - 1 1/4"	1 1	approximately 3"		
Comparison of the course graveleticoth fragments, angular to subangular to 1 x ² . Fine to course graveleticoth fragments, angular to subangular to 1 x ² . Fine to course and, well graded. SBP-SO-529-0204 Screening SBP-SO-529-0204 Screening Tan SAND, frace gravel. Fine-medium sand, poorly graded, fine gravel subrounded to 3t ² SAND, frace gravel. Fine-course gravel. Fine-course gravel. Fine-course gravel. SAND, frace gravel. Fine-course gravel. Fine-course gravel. SAND, frace gravel. Fine-course gravel. SAND, frace gravel. Fine-course gravel. SAND, frace gravel. Fine-course gravel. SAND, frace gravel. Fine-course gravel. SAND, frace gravel. Fine-course gravel. SAND, frace gravel. Fine-course gravel. SAND, frace gravel. Fine-course gravel. SAND, frace gravel. Fine-course gravel. SAND, frace gravel. Fine-course gravel. SAND, frace gravel. Fine-course gravel. SAND, frace gravel. Fine-course gravel. SAND, frace gravel. Fine-course gravel. SAND, frace gravel. SAND, frace gravel. SAND, frace gravel. Fine to course gravel gravel. SAND, frace gravel. Fine to course gravel gravel. SAND, frace gravel. Fine to course gravel.			2'	Screening			7		 	- Damp surface		
Comparison of the course graveleticoth fragments, angular to subangular to 1 x ² . Fine to course graveleticoth fragments, angular to subangular to 1 x ² . Fine to course and, well graded. SBP-SO-529-0204 Screening SBP-SO-529-0204 Screening Tan SAND, frace gravel. Fine-medium sand, poorly graded, fine gravel subrounded to 3t ² SAND, frace gravel. Fine-course gravel. Fine-course gravel. Fine-course gravel. SAND, frace gravel. Fine-course gravel. Fine-course gravel. SAND, frace gravel. Fine-course gravel. SAND, frace gravel. Fine-course gravel. SAND, frace gravel. Fine-course gravel. SAND, frace gravel. Fine-course gravel. SAND, frace gravel. Fine-course gravel. SAND, frace gravel. Fine-course gravel. SAND, frace gravel. Fine-course gravel. SAND, frace gravel. Fine-course gravel. SAND, frace gravel. Fine-course gravel. SAND, frace gravel. Fine-course gravel. SAND, frace gravel. Fine-course gravel. SAND, frace gravel. Fine-course gravel. SAND, frace gravel. SAND, frace gravel. SAND, frace gravel. Fine to course gravel gravel. SAND, frace gravel. Fine to course gravel gravel. SAND, frace gravel. Fine to course gravel.	1		·	1/6/04 @ 1230	1	▼	*		★			
SBP-SO-623-0204 SSP-SO-623-0204 Screening Tan SAND, fine-medium sand, poorly graded, fine gravel SAND, fine-medium sand, poorly graded, fine gravel SAND, fine-medium sand, poorly graded, fine gravel SAND, fine-medium sand, poorly graded, fine gravel SAND, fine-medium sand, poorly graded, fine gravel SAND, fine-medium sand, poorly graded, fine gravel SAND, fine-medium sand, poorly graded, fine gravel SAND, fine-medium sand, poorly graded, fine gravel of y' SPFill EOB © 4' bgs - Backfill with bentonite chips (4'-1') and topsoil (1'-0') TYPE OF DRILLING RIG: WETHOO OF SOLL SAMPLING: METHOO OF SOLL SAMPLING: METHOO OF ROAK CORNING: METHOO OF ROCK CORNING: METHOO OF ROCK CORNING: METHOO OF ROCK CORNING: METHOO OF ROCK CORNING: METHOO OF ROCK CORNING: METHOO OF ROCK CORNING: METHOO OF ROCK CORNING: METHOO OF ROCK CORNING: METHOO OF ROCK CORNING: METHOO OF ROCK CORNING: METHOO OF ROCK CORNING: METHOO OF ROCK CORNING: METHOO OF ROCK CORNING: METHOO OF ROCK CORNING: METHOO OF ROCK CORNING: METHOD OF ROCK C					1	Loose	Grav	GRAVEL some sand. Fine to coarse gravels/rock fragments, angular to	GWIEII	Gravel fill, noenible tren	├ ──	
SBP-SO-523-0204 SBP-SO-523-0204 Screening 1/9/04 @ 1235 Brown SAND, trace gravel. Fine-medium sand, poorty graded, fine gravel subrounded to 3/2 SAND, trace gravel. Fine-medium sand, poorty graded. Fine-coarse gravel Fine-coarse sand, well graded. Fine-coarse gravel Fine-coarse sand, well graded. Fine-coarse gravel Fine-coarse sand, well graded. Fine-coarse gravel Fine-coarse sand, well graded. Fine-coarse gravel Fine-coarse sand, well graded. Fine-coarse gravel Fine-coarse sand, well graded. Fine-coarse gravel Fine-coarse sand, well graded. Fine-coarse gravel Fine-coarse sand, well graded. Fine-coarse gravel Fine-coarse sand, well graded. Fine-coarse gravel Fine-coarse sand, well graded. Fine-coarse gravel Fine-coarse sand, well graded. Fine-coarse gravel Fine-coarse sand, well graded. Fine-coarse gravel Fine-coarse sand, well graded. Fine-coarse gravel Fine-coarse sand, well graded. Fine-coarse gravel Fine-coarse sand, well graded. Fine-coarse gravel Fine-coarse sand, well graded. Fine-coarse gravel Fine-coarse gravel Fine-coarse sand, well graded. Fine-coarse gravel Fine-coar						1			1 0 1		0.0	0.0
SBP-SC-523-0204 Sprening 16/04 @ 1235 Brown SAND, fine-medium sand, poorty graded, fine gravel of 52 SSP-SC-523-0204 Screening 16/04 @ 1235 Brown SAND, fine-medium sand, poorty graded, fine gravel of 52 SAND, trace gravel, Fine-medium sand, poorty graded, fine gravel of 52 SAND, fine-medium sand, poorty graded of 52 SAND, fine-medium sand, poorty graded, fine gravel of 52 SAND, fine-medium sand, poorty graded, fine-coarse gravel of 52 SAND, fine-medium sand, poorty graded, fine-coarse gravel of 52 SAND, fine-medium sand, poorty graded, fine-coarse gravel of 52 SAND, fine-medium sand, poorty graded, fine gravel of 52 SAND, fine-medium sand, poorty graded fine gravel of 52 SAND, fine-medium sand, poorty graded fine gravel of 52 SAND, fine-medium sand, poorty graded fine gravel of 52 SAND, fine-medium sand						- 				4		
SBP-SO-523-0204 Screening 1604 @ 1235 Brown Gisy Dense SAND, trace gravel. Fine-medium and, poorly graded, fine gravel Sorrearing 1604 @ 1235 Brown SAND, trace gravel. Fine-coarse sand, well graded. Fine-coarse gravel Subrounded to 34 - 11, plastic pleces Fill COB @ 4 bgs EOB @ 5 bgs		_					Ton	CAND fine medium send mesh, anded secondly	1 '		0.0	0.0
Brown subrounded to 16 Screening Tan SAND, fine-medium sand, poorly graded Brown SAND and GRAVEL. Fine-coerse gravel Fine-coerse gravel Fine Fine Fine Fine Fine Fine Fine Fine	<u> </u>			ODD 00 500 0004	-				SP/FIII			
Screening Tan SAND, fine-medium sand, poorty graded Tan SAND, fine-medium sand, poorty graded Brown Gray subrounded to subangular to ½* -1*, plestic pieces SAND and GRAVEL. Fine-coarse sand, well graded. Fine-coarse gravel of Wisw Fill Dense SAND, trace gravel, fine-medium sand, poorty graded, fine gravel to ½* SP/Fill EOB @ 4* bgs = Backfill with bentonite chips (4*-1) and topsoil (1*-0*) Type of prillLing Ric: METHOD OF ADVANCING BORING: METHOD OF SOUL SAMPLING: METHOD OF SOUL SAMPLING: MAA MACRO-CORE Open tube continuous samples to 4* in 2* intervals MAA Tetra Tech NUS, Inc.	i			SBP-SO-523-0204						Dry	0.0	0.0
AND, fine-medium sand, poorly graded. Fine-coarse gravel File Coarse g			/	Screening						_		
SAND and GRAVEL. Fine-coarse sand, well graded. Fine-coarse gravel subrounded to subangular to ½' -1', plastic pleces SAND, trace gravel, fine-medium sand, poorly graded, fine gravel to ½' SAND, trace gravel, fine-medium sand, poorly graded, fine gravel to ½' SP/Fill COD 0.0 0.0 EOB @ 4' bgs - Backfill with bentonite chips (4'-1') and topsoil (1'-0') Type of Drilling Rig: METHOD of ADVANCING BORING: METHOD of SOUL SAMPLING: METHOD of SOUL SAMPLING: METHOD of SOUL SAMPLING: METHOD of SOUL SAMPLING: METHOD of SOUL SAMPLING: METHOD of SOUL SAMPLING: METHOD of SOUL SAMPLING: MACRO-CORE Open tube continuous samples to 4' in 2' intervals NIA Tetra Tech NUS, Inc.			/ 2°	_			Tan	SAND, fine-medium sand, poorly graded	\perp			
Gray subrounded to subangular to ½* -1*, plastic pieces Fill Dense SAND, trace gravel, fine-medium sand, poorly graded, fine gravel to ½* SP/Fill O.0 0.0 O.0 0.0 EOB @ 4* bgs	3			1/6/04 @ 1235					▼			
A Dense SAND, trace gravel, fine-medium sand, poorly graded, fine gravel to 3/2 SP/Fill 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0									GW/SW			
4 DO 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.					1	▼	Gray	subrounded to subangular to ½" - 1", plastic pieces	. Fill		0.0	0.0
4 DEOB 4' bgs - Backfill with bentonite chips (4'-1') and topsoil (1'-0') EOB 4' bgs - Backfill with bentonite chips (4'-1') and topsoil (1'-0') Type of Drilling Rig: METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF SOIL SAMPLING: METHOD OF SOIL SAMPLING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: GROUNDWATER LEVELS: MACRO-CORE Open tube continuous samples to 4' in 2' intervals MACRO-CORE Open tube continuous samples to 4' in 2' intervals MACRO-CORE Open tube continuous samples to 4' in 2' intervals						Dense		SAND, trace gravel, fine-medium sand, poorly graded, fine gravel to ½"	SP/Fitt	†	-	
TYPE OF DRILLING RIG: METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF SOIL SAMPLING: METHOD OF SOIL SAMPLING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: GROUNDWATER LEVELS: MACRO-CORE Open tube continuous samples to 4' in 2' intervals N/A Tetra Tech NUS, Inc.	4				1.	D 1	↓			↓	0.0	0.0
TYPE OF DRILLING RIG: METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF SOIL SAMPLING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: GROUNDWATER LEVELS: MCRO-CORE Open tube continuous samples to 4' in 2' intervals NA MCRO-CORE Open tube continuous samples to 4' in 2' intervals NA MCRO-CORE Open tube continuous samples to 4' in 2' intervals NA MCRO-CORE Open tube continuous samples to 4' in 2' intervals NA MCRO-CORE Open tube continuous samples to 4' in 2' intervals NA MCRO-CORE Open tube continuous samples to 4' in 2' intervals NA MCRO-CORE Open tube continuous samples to 4' in 2' intervals NA MCRO-CORE Open tube continuous samples to 4' in 2' intervals NA MCRO-CORE Open tube continuous samples to 4' in 2' intervals NA MCRO-CORE Open tube continuous samples to 4' in 2' intervals NA MCRO-CORE Open tube continuous samples to 4' in 2' intervals NA MCRO-CORE Open tube continuous samples to 4' in 2' intervals NA MCRO-CORE Open tube continuous samples to 4' in 2' intervals NA MCRO-CORE Open tube continuous samples to 4' in 2' intervals NA MCRO-CORE Open tube continuous samples to 4' in 2' intervals NA MCRO-CORE Open tube continuous samples to 4' in 2' intervals NA MCRO-CORE Open tube continuous samples to 4' in 2' intervals NA MCRO-CORE Open tube continuous samples to 4' in 2' intervals NA MCRO-CORE Open tube continuous samples to 4' in 2' intervals NA MCRO-CORE Open tube continuous samples to 4' in 2' intervals NA MCRO-CORE Open tube continuous samples to 4' in 2' intervals NA MCRO-CORE Open tube continuous samples to 4' in 2' intervals NA MCRO-CORE Open tube continuous samples to 4' in 2' intervals NA MCRO-CORE OPEN tube CO					EOB @	1			 	 •		
TYPE OF DRILLING RIG: METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: GROUNDWATER LEVELS: Tetra Tech NUS, Inc. Tetra Tech NUS, Inc.								FOR @ 4' has - Backfill with hentonite chins (4'-1') and topsoil (1' 0')				l
TYPE OF DRILLING RIG: METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: MACRO-CORE Open tube continuous samples to 4' in 2' intervals MACRO-CORE Open tube continuous samples to 4' in 2' intervals N/A Tetra Tech NUS, Inc. Tetra Tech NUS, Inc. Tetra Tech NUS, Inc. Tetra Tech NUS, Inc. Tetra Tech NUS, Inc. Tetra Tech NUS, Inc. Tetra Tech NUS, Inc. Tetra Tech NUS, Inc. Tetra Tech NUS, Inc. Tetra Tech NUS, Inc. Tetra Tech NUS, Inc. Tetra Tech NUS, Inc. Tetra Tech NUS, Inc.					1	_		200 g 1 5g5 Bastain Mai Bantointe Gripa (4 1) and topasii (1-6)	+	-		
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TYPE OF DRILLING RIG: METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: MACRO-CORE Open tube continuous samples to 4' in 2' intervals MACRO-CORE Open tube continuous samples to 4' in 2' intervals N/A Tetra Tech NUS, Inc. Tetra Tech NUS, Inc. Tetra Tech NUS, Inc. Tetra Tech NUS, Inc. Tetra Tech NUS, Inc. Tetra Tech NUS, Inc. Tetra Tech NUS, Inc. Tetra Tech NUS, Inc. Tetra Tech NUS, Inc. Tetra Tech NUS, Inc. Tetra Tech NUS, Inc. Tetra Tech NUS, Inc. Tetra Tech NUS, Inc.					-					 		
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TYPE OF DRILLING RIG: METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: MACRO-CORE Open tube continuous samples to 4' in 2' intervals MACRO-CORE Open tube continuous samples to 4' in 2' intervals N/A Tetra Tech NUS, Inc. Tetra Tech NUS, Inc. Tetra Tech NUS, Inc. Tetra Tech NUS, Inc. Tetra Tech NUS, Inc. Tetra Tech NUS, Inc. Tetra Tech NUS, Inc. Tetra Tech NUS, Inc. Tetra Tech NUS, Inc. Tetra Tech NUS, Inc. Tetra Tech NUS, Inc. Tetra Tech NUS, Inc. Tetra Tech NUS, Inc.					_							
TYPE OF DRILLING RIG: METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: MACRO-CORE Open tube continuous samples to 4' in 2' intervals MACRO-CORE Open tube continuous samples to 4' in 2' intervals N/A Tetra Tech NUS, Inc. Tetra Tech NUS, Inc. Tetra Tech NUS, Inc. Tetra Tech NUS, Inc. Tetra Tech NUS, Inc. Tetra Tech NUS, Inc. Tetra Tech NUS, Inc. Tetra Tech NUS, Inc. Tetra Tech NUS, Inc. Tetra Tech NUS, Inc. Tetra Tech NUS, Inc. Tetra Tech NUS, Inc. Tetra Tech NUS, Inc.	1 !											
TYPE OF DRILLING RIG: METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: MACRO-CORE Open tube continuous samples to 4' in 2' intervals MACRO-CORE Open tube continuous samples to 4' in 2' intervals N/A Tetra Tech NUS, Inc. Tetra Tech NUS, Inc. Tetra Tech NUS, Inc. Tetra Tech NUS, Inc. Tetra Tech NUS, Inc. Tetra Tech NUS, Inc. Tetra Tech NUS, Inc. Tetra Tech NUS, Inc. Tetra Tech NUS, Inc. Tetra Tech NUS, Inc. Tetra Tech NUS, Inc. Tetra Tech NUS, Inc. Tetra Tech NUS, Inc.	1				1	D .	li.					
TYPE OF DRILLING RIG: METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: MACRO-CORE Open tube continuous samples to 4' in 2' intervals MACRO-CORE Open tube continuous samples to 4' in 2' intervals N/A Tetra Tech NUS, Inc. Tetra Tech NUS, Inc. Tetra Tech NUS, Inc. Tetra Tech NUS, Inc. Tetra Tech NUS, Inc. Tetra Tech NUS, Inc. Tetra Tech NUS, Inc. Tetra Tech NUS, Inc. Tetra Tech NUS, Inc. Tetra Tech NUS, Inc. Tetra Tech NUS, Inc. Tetra Tech NUS, Inc. Tetra Tech NUS, Inc.					1					1		
METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: GROUNDWATER LEVELS: THE OPPOSITION OF THE PROPERTY OF									3			
METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: GROUNDWATER LEVELS: THE OPPOSITION OF THE PROPERTY OF					1						<u> </u>	<u> </u>
METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: MOCRO-CORE Open tube continuous samples to 4' in 2' intervals N/A GROUNDWATER LEVELS: The opposition of the continuous samples to 4' in 2' intervals N/A					1							
METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: GROUNDWATER LEVELS: THE OPPOSITION OF THE PROPERTY OF	- 					_			+	-		
METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: MOCRO-CORE Open tube continuous samples to 4' in 2' intervals N/A GROUNDWATER LEVELS: The opposition of the continuous samples to 4' in 2' intervals N/A	1 1											
METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: MOCRO-CORE Open tube continuous samples to 4' in 2' intervals N/A GROUNDWATER LEVELS: The opposition of the continuous samples to 4' in 2' intervals N/A	لـــــا					السسا		<u> </u>	——	L	<u> </u>	l
METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: MOCRO-CORE Open tube continuous samples to 4' in 2' intervals N/A GROUNDWATER LEVELS: The opposition of the continuous samples to 4' in 2' intervals N/A	TYPE OF I	DRILLING F	NG:	GEOPROBE – 4 X	4 Mule					Totro Took	All IS 1	
METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: MIA MACRO-CORE Open tube continuous samples to 4' in 2' intervals N/A STUTION OPPOSITION.										Tella Tech	14U3, II	no.
METHOD OF ROCK CORING: GROUNDWATER LEVELS: GROUNDWATER LEVELS: The opposition of the Number 775 Female and Market 775 Female And Market 775 Female And Market 775 Female And Market 775 Female And Market 775 Female And Mar					pen tube cor	tinuous samp	les to 4' in 2	'intervals			1	
GROUNDWATER LEVELS: OTHER CORPERIATIONS Phone I Flow Number 775 Female and III Area Source Field												
OTHER CONFRIGNO. Blood Flor Number 775 Female and Blood Field							•					
				Phase I Flag Nu	mber 775	Former l	andfill Area	- Soccer Field BORING NO.: 5	23	PAGE: 1	OF	1

BORING L	OG FOR	:	Raymark OU9 R	RI/FS				BORING NO.:		524		
PROJECT			N1369					START DATE:		1/6/04	1	
LOGGED			J. Lambert				TRANSCRIBED BY: DH	COMPLETION: D	ATE:	1/6/04	1	
DRILLED	BY (Comp	pany/Driller):	: Aquifer Drilling 8	& Testing/ Re	ob Ullmann			MON. WELL NO.	:	N/A		
GRD. SUF	RFACE EL	LEVATION:		·			ELEVATION FROM:	CHECKED BY:		JD		
	D1 014(0	SAMP	SAMPLING	,		Y				VARIATA (A)
DEPTH	BLOWS	REC.	TIME	DEPTH MAT'L	SOIL DENSITY/		MATERIAL		uscs	F	EMARKS	FIELD
(FEET)	6"	1	&	CHG./	CONSIS.		MATERIAL CLASSIFICATION	}	or	(mois	ture condition; s; geological	SCREENING
		SAMP	SAMPLE NO.	WELL	or ROCK	CLR			ROCK		ification; rock	METHOD =
0	N/A	LENG.	(QA/QC STATUS)	PROF'L	HARD.		0' - 0.1' - Leaf litter/roots		BRKN		thering; etc.)	[FID, (PPM)]
		/	SBP-SO-524-0002	1		Dark Red-	0.1' - 0.3' - Piece of brick/paving stone		Fill	Moist	_ 	PID=0.0
		1.0'	SCREENING			Brown	0.3' - 0.5' - Fine-coarse SAND and GRAVEL, some silt		sw			FID=0.0
		2.0'	SUREENING	1		Dark Red	0.5' - 0.7' - Fine-medium SAND, trace silt		SP			
1		′	1/6/04 @ 1255									
				1		Black	0.7' - 0.9' - Fine-coarse sand-sized charcoal fragments- p	ossible burn	Fill			·
							zone		''''			
				1	-	Yellow-	0.9' - 1.0' - Silty fine-medium SAND		SM			
2				1		Brown	0.0 - 1.0 - Only inte-median CAME		JIVI	\downarrow		
-			SBP-SO-524-0204	-		_	0' - 0,3' - Similar to above		- 1	100-1		<u> </u>
		1.0'	3DF-3U-024-0204			Gray	0.3' - 0.5' - Silty fine SAND, some glass		V	Wet		PID=0.0
	-		SCREENING						SM/Fill	Moist		FID=0.0
		2.0'	4/0/04 @ 4000			Dark Brown	0.5' - 0.9' - Silty fine-medium SAND, trace wood fragment	ts		1		
3			1/6/04 @ 1300	_					<u> </u>			
		,					0.9' - 1.0' - Medium-coarse SAND, some glass fragments	}	SP/Fill	- 1		
							1.0' - 1.6' - Silty fine-medium SAND, some coarse sand, t	brick, charcoal	SM/Fill			
4						l	fragments			₩		
				EOB @								
				4' bgs				İ				
				1								
				1 1	-	1					·	
						-						i
				-)		-						
				1		1 1						
<u> </u>					<u> </u>							
									>			
				1								
TYPE OF I			GEOPROBE - Tra	ack- mounted	(rig 2)						Tetra Tech	NUS, Inc.
		NCING BORI										<u> </u>
		AMPLING:	MACRO-CORE C	Open tube cor	itinuous sampl	es to 4 feet in	2 foot intervals					Ĕ ▃▐
METHOD OF ROCK CORING: N/A											[#	ا إلا
1	DUNDWATER LEVELS:											
OTHER O	BSERVAT	IONS:	Phase I FID= B	3 / PID= B	Flag nu	mber 579	Former Landfill area - Dorne Drive B	ORING NO.: 524	l		PAGE: 1	OF 1

BORING LOG FOR:

PROJECT	NO.:		<u>N1369</u>				START DATE		1/6/04		
LOGGED	BY:		K. Jalkut		 		TRANSCRIBED BY: RAC COMPLETION		1/6/04		
DRILLED	BY (Compa	ny/Driller):	Aquifer Drilling &	Testing/S. I	Przybylski		MON. WELL		N/A		
GRD. SUF	RFACE ELE	VATION:					ELEVATION FROM: CHECKED B	<i>t</i> :	_JL		
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION Grass Surface – Recreational field	USCS or ROCK BRKN	(moisture cor odors; geole classification weathering	ndition; SCF ogical n: rock <i>ME</i>	FIELD REENING DATA ETHOD = D, (PPM)]
			SBP-SO-525-0002		Loose	Brown	SAND, trace gravel. Fine-medium sand, poorly graded, organic roots, fine	SP/Fill	Grass/root plug	= FIE	
1		1.8'	Screening 1/6/04 @ 1245			Red- Brown	gravel subrounded to ½" SAND, trace silt, trace gravel. Fine-medium sand, trace coarse sand, poorly graded, fine and coarse gravel (1 piece each) subrounded ½" – 1", rubber pie	ce	approximately 2 Damp	2.5"	0.0
'			110.04 @ 12-10	1	-	\			Oxidized sands	_	
2					Dense	Dark Brown	SAND, some gravel. Fine-medium sand, trace coarse sand, poorly graded, fine-coarse gravel subrounded to ½" – 1", glass			26	3 0.0
		1.3'	SBP-SO-525-0204 Screening		Loose					114	4 0.0
3		2'	1/6/04 @ 1250	1			Similar material to above, including newspaper, brick pieces, nails			60	0.0
							SAND, some gravel unit, including possible bone, charred wood		1		
4					↓	↓	SAND, some gravel unit, including organic roots/reeds	<u></u>	Organic odor	850	0 0.0
				EOB @ 4' bgs			EOB @ 4' bgs – Backfill with bentonite chips (4'-1') and topsoil (1'-0')		1		
				-	ļ						
									-		_
				_							
									_		
						-	<u> </u>	*	<u> </u>		
				1		ļ			-	_	
	DRILLING F	RIG: CING BORIN	GEOPROBE – 4 X	4 Mule			Note:		Te	tra Tech NUS	S, Inc.
1	OF SOIL SA		MACRO-CORE O	pen tube cor	ntinuous sam	ples to 4' ii	n 2' intervals	O F			
	OF ROCK (N/A	- -		· · · · · · · · · · · · · · · · · · ·	n 2 intervals FID = A / PID = instrur		tcn		
			<u> </u>			<u> </u>					
	UNDWATER LEVELS: ER OBSERVATIONS: Phase I Flag Number 776 Former Land				Former	Landfill A	rea – Recreational Field by ballfield outfield BORING NO.:	525	PA	GE: 1 C	DF 1

525

Raymark OU9 RI/FS

	NO.: BY: BY (Comp	oany/Driller): EVATION:	Raymark OU9 R N1369 J. Lambert Aquifer Drilling &		bb Ullmann			DATE: ETION: DATE: 'ELL NO.:	526 1/6/04 1/6/04 N/A JD	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS) SBP-SO-526-0002	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION 0' - 0.1' - Leaf litter 0.1' - 0.5' - Fine-coarse SAND, some gravel (angular), some silt, tr	USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
1		1.2' 2.0'	Screening 1/6/04 @ 1325				slag	:	WOST	PID=0.0 FID=0.0
					Slightly Loose	Dark Re	0.5' - 1.1' - Silty fine-medium SAND 1.1' - 1.2' - Brick/paving stone fragments (gravel sized)	SM	 - 	
2		1.3'	SBP-SO-526-0204 Screening			Brown Tan	0' - 0.7' - Fine-coarse sand, metal fragments	SW/Fill		PID=0.0 FID=0.0
3		2.0	1/6/04 @ 1330			Black	0.7' - 0.9' - Newspaper fragments 0.9' - 1.3' - Silty fine-medium SAND, plastic, fiberous mat material PACM	SM/Fitt	PACM noted in sample	
4				EOB @	—	—	—		dampie dampie	
				4' bgs					-	
								,		
									<u> </u> 	
TYPE OF I METHOD METHOD METHOD GROUND\	OF ADVAN OF SOIL S OF ROCK WATER LE	ICING BORII AMPLING: CORING: :VELS:	GEOPROBE – Tra NG: DIRECT- PUSH MACRO-CORE C N/A Phase I FIG=8	pen tube con	tinuous sampl	es to 4 feet	α	otential asbestos- ontaining material	Tetra Tech	NUS, Inc.

BORING L PROJECT LOGGED	NO.:		Raymark OU9 RI/ N1369 K. Jalkut	/FS			_	TRANSCRIBED BY: RAC	BORING NO.: START DATE: COMPLETION: D	DATE:	527 1/6/04 1/6/04			
DRILLED		any/Driller): EVATION:	Aquifer Drilling &	Testing/S. I	Przybylski			ELEVATION FROM:	MON. WELL NO CHECKED BY:		N/A JL			
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.		CLR	MATERIAL CLASSIFICATION Grass Surface		USCS or ROCK BRKN	(moisture o odors; ge classificati weatherir	on ition; ological on; rock	DA METH	ILD ENING TA HOD = PPM)]
		1.6'	SBP-SO-527-0002 Screening		Dense	В	rown	Silty SAND, trace gravel. Fine-medium sand, poorly grasubangular to ½", organic roots	ided, fine gravel	SM/Fill	Grass/root pl approximately Damp		FID	PID
1		/ 2	1/6/04 @ 1305		Loose			•		, i			0.0	0.0
						Gray	-Brown	GRAVEL, some sand. Fine-coarse gravel/rock fragmen subangular to ½" – 1 ½". Fine coarse sand, well graded		GW/SW Fill	Gravel/trap ro layer, poor re		0.0	0.0
2								•			↓			
			SBP-SO-527-0204	1		T	 	Similar to above (gravel fill)		₩	Saturated at	2'	04	20
		1.8'	Screening		Dense	Dark	Brown	SILT, trace gravel. Mostly silt, fine gravel subangular to	/4"	ML/Fill			31	0.0
3	<u> </u>	/ 2'	1/6/04 @ 1310							↓			327	0.0
				_	Loose	Gray	r-Brown	SAND, some gravel, some organics, fine-medium sand, gravel subrounded to ½" – 1", roots, reeds	fine-coarse	SP/Fill	Damp only			
4				FOR @						+			383	0.0
				EOB @ 4' bgs				EOB @ 4' bgs – Backfill with bentonite chips (4'-1') and	topsoil (1'-0')			H		
				-										
											ļ			
				-										
					. `	ļ <u>-</u>	<u> </u>							
				-						,		<u> </u>		
											<u></u>			
TYPE OF DRILLING RIG: GEOPROBE – 4 X 4 Mule									N-1		7	etra Tech	NUS. I	nc.
METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: MACRO-CORE Open tube continuous samples to 4'						nina ta	A' in O' :-	atomolo	Notes:				<u>``</u>	
1	METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: M/A					4 11 2 1		FID = A / PID = A Plywood movement	15 min					
GROUND	JNDWATER LEVELS:								· ·				ン	
OTHER O	BSERVATION	mber 470	Former	Landfi	II Area –	Recreational Field	BORING NO.: 52	7	F	PAGE: 1	OF	1		

PROJECT LOGGED	DRING LOG FOR: ROJECT NO.: N1369 DGGED BY: RILLED BY (Company/Driller): RD. SURFACE ELEVATION: Raymark OUS N1369 J. Lambert Aquifer Drilling				tob Ullmann		TRANSCRIBED BY:DH	BORING NO.: START DATE: COMPLETION: MON. WELL N		528 1/6/04 1/6/04 N/A		
				. 100			ELEVATION FROM:	CHECKED BY:		JD		
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD	CLR	MATERIAL CLASSIFICATION 0' - 0.2' - Leaf litter/roots/topsoil		USCS or ROCK BRKN	(moist odor classi	ure condition; s; geological fication; rock hering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		1.3'	SBP-SO-528-0002 Screening		Slightly Loose	Brown	0.2' - 0.4' - Silty GRAVEL. Some fine-coarse sand		SM	Wet		PID=0.0 FID=0.0
1		2.0'	1/6/04 @ 1345		↓	Dark Red	0.4' - 0.6' - Silty fine-coarse SAND, some angular gravel		↓	₩		
					Slightly Dense	Gray	0.6' - 0.8' - GRAVEL (coarse, fractured)		GP	Dry		
2						Dark Red	0.8' - 1.3' - Fine-coarse SAND, some gravel (angular), stone	trace brick/paving	SW/Fill	Moist		
	1.5' SBP-SO-528-0204 Screening					Yellow- Brown	0' - 0.5' - Silty fine-medium SAND, trace coarse sand an (subangular-subrounded)	d fine gravel	SM			PID=0.0 FID=0.0
3	2.0'											
						Black	0.5' - 1.5' - Soft material, long PACM fibers throughout clumps	t and in separate	Fill		PACM noted in sample	
4						\				↓		
				EOB @ 4' bgs								
,												
					ļ							
METHOD	OF ADVA	RIG: NCING BOR SAMPLING: (CORING:				oles to 4 fee	t in 2 foot intervals	Note: PACM = Potential material	asbestos c	ontaining	Tetra Tech	NUS, Inc.
GROUND OTHER O	WATER L	EVELS:	Phase I FID=E	B PID=	B Flag	g number	622 Former Landfill area – Dorne Drive	BORING NO. : 5	528		PAGE: 1	OF 1

BORING I	LOG FOR: NO.:		Raymark OU9 RI/I N1369	FS					BORING NO.: START DATE:		_528A 1/28/04	
LOGGED			J. Lambert				TRANSCRIBED BY:	RAC	COMPLETION	: DATE:	1/28/04	
	BY (Compa		Aquifer Drilling & 7	Testing/Rot	Ulimann				MON. WELL N		N/A .	
GRD. SUF	RFACE ELE	EVATION:					ELEVATION FROM:		CHECKED BY:		JD	
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR	С	MATERIAL LASSIFICATION		USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
			SBP-SO-528A-0002				Refer to Boring Log Number	528 for soil profile d	etails from 0' - 4' bgs		(4 holes)	1 10, (1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1
			Full Suite, less dioxin and SPLP									
1			1/28/04 @ 1050									
			(MS/MSD)	1	-					<u> </u>		
2												
	· · · · · · · · · · · · · · · · · · ·		SBP-SO-528A-0204	1								
			Full Suite, less dioxin									
			and SPLP								1	
3			1/28/04 @ 1115	1								
			(MS/MSD DAS Metals only)									
4								+		-	1	
<u> </u>			SBP-SO-528A-0406	1	Slightly Loose	Dark Brown Gray		•		SW/Fill	Slight odor	<u> </u>
ļ		1.4'	Full Suite, less dioxin and SPLP		10056		0.5' - 0.6' - Quartz fragmen				Moist	PID = 4.0
5		2'	1/28/04 @ 1130			Black	0.6' - 0.7' - Fine SAND, trac			SP		FID = 386
	<u> </u>				▼	Dark Brown	0.7' - 1.2' - Fine-medium S gravel size)	AND, trace silt, piece	e of mica (coarse-			
6					Slightly Dense	Gray	1.2' - 1.4' - F!LL, newspape	r (decomposed) plas	tic and metal	Fill	1 ↓	
	 		SBP-SO-528A-0608	1	Slightly	Dark	Silty fine-medium SAND			SM	Wet	
		0.6'	Full Suite, less dioxin		Loose	Brown				l i		PID = 0.0
		/ 2°	and SPLP	-	1		1					
7			1/28/04 @ 1210			ļ				\		FID = 271.0
				EOB @					-	 	1 1	
8				8' bgs	▼	▼	▼			₩	*	
TYPE OF	DRILLING R	IIG:	GEOPROBE Trac	ck- mounted	(Ria 2)				Note:		Tains To	-6 NU (C. /
		CING BORIN			· ·· 3 -/		·			.	ieva iev	ch NUS, Inc.

Full Suite = SVOCs, Pesticides/PCBs, metals, dioxin, SPLP metals and PCBs, asbestos, and VOCs

PAGE:

1

BORING NO.: 528A

Approximately 6' bgs

Phase II Old Flag Number 622

N/A

METHOD OF SOIL SAMPLING:

METHOD OF ROCK CORING:

GROUNDWATER LEVELS: OTHER OBSERVATIONS:

MACRO-CORE Open tube continuous samples to 4' in 2' intervals

Former Landfill Area - Dorne Drive

FID/PID = E

BORING I	LOG FOR:		Raymark OU9 RI/	FS				BORING NO.:		529		
PROJECT	NO.:		N1369					START DATE:		1/6/04		
LOGGED	BY:		K. Jalkut				TRANSCRIBED BY: RAC	COMPLETION: 0	DATE:	1/6/04		
DRILLED	BY (Compa	any/Driller):	Aquifer Drilling &	Testing/S.	Przybylski		- · · · · · · · · · · · · · · · · · · ·	MON. WELL NO.	:	N/A		
GRD. SUF	RFACE ELE	EVATION:					ELEVATION FROM:	CHECKED BY:		JL		
				/	V ************************************	~						
DEPTH	BLOWS	SAMP REC.	SAMPLING TIME	DEPTH	SOIL				uscs	REMARKS		ELD
(FEET)	PER	KEC.	1 IIVIE &	MAT'L CHG./	DENSITY/		MATERIAL CLASSIFICATION		OL	(moisture condition;		ENING
(1 221)	6"	SAMP	SAMPLE NO.	WELL	CONSIS. or ROCK	CLR	CLASSIFICATION		ROCK	odors; geological classification; rock		NTA HOD =
0	NA	LENG.	(QA/QC STATUS)	PROF'L	HARD.	OLIV.	Grass Surface		BRKN	weathering; etc.)		(PPM)]
			SBP-SO-529-0002	1	Dense	Brown	Silty SAND, trace gravel. Fine-medium sand, poorly grad	ded. 1 piece fine	SM/Fill	Grass/root plug =	FID	PID
		1.6'			1		gravel subrounded to 1/4", organic roots	•	l i	approximately 3"	0.0	0.0
-		2'	Screening	1						Damp	0.0	0.0
1		′ ′	1/6/04 @ 1340		₩	₩			♦			
- -			170704 @ 1040	1	Loose	Dark	CRAVEL some good. Fine second engular to subspecula	er annuala/rook	CVAVEIU	Tees each levesters at	+	ļ
					Loose	Gray	GRAVEL, some sand. Fine-coarse angular to subangula fragments/crushed stone (quartz pebble), fine coarse sar		GW/Fill	Trap rock layer/gravel	0.0	0.0
						0.0,	magnicina di actica di attica (quante posso); into coatoc del	· · · · · · · · · · · · · · · · · · ·		- ''''		
						<u> </u>			l L			1
2				4		*						
			SBP-SO-529-0204		1 1	Gray	SAND, trace gravel. Fine-medium sand, poorly graded, fi	ne and coarse gravel	SP/Fill	Dry	0.0	0.0
		1.8'	Corooping			<u> </u>	subangular to 1/2" - 3/4", glass shards, plastic chunks		l 1		0.0	0.0
		/ 2'	Screening]		"
3			1/6/04 @ 1345			₩			♦			t
				1		Black	SAND, some gravel. Fine coarse sand, well graded, fine	and coarse gravel	SW/Fill		1	
						l ı	subrounded to ½" - 1", seashell fragments, organic roots	and fibers	l. 1		0.0	0.0
						 				11		
4					₩	↓			↓	♥		l
-	 			EOB @	1	<u> </u>			V	 	+	
				4' bgs			FOR @ 4' has Poskell with hortonite shine (4' 4') and t	: (4) 00				
	ļ			-3			EOB @ 4' bgs – Backfill with bentonite chips (4'-1') and t	opsoii (1-0)		4	<u> </u>	L
				4						ļ		
]									
			[ļ	1						
				7					i			
												1
	 					····				1	<u> </u>	\vdash
	ļ	1										1
	 			-							 	├
		ļ							<u>-</u>	4		
	l				<u> </u>	<u> </u>		<u> </u>	·	<u> </u>		
TYPE OF	DRILLING F	SIG.	GEOPROBE – 4 X	4 Mule		•		 		Total Tari	NILIO I	
1		dig. CING BORIN		- Noto:		Tetra Tech	I NUS, I	riC.				
	OF SOIL SA		MACRO-CORE O	nen fuhe cor	ntinuous samn	iles to 4' in	2' intervals	_ Note:			•)	
1	OF ROCK (N/A	JOI REDU GUI	ianaoao sailip	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	- Harris 1999	Plywood movement	8-10 min.			
	WATER LE		11//			· · · · · · · · · · · · · · · · · · ·		-				
	BSERVATI		Phase I Flag Nu	mber 493	Former	Landfill Are	ea – Recreational Field	BORING NO. 52	9	PAGE:	1 OF	1
OTHER O	POPICY III	J. 10.	, ,,,,,,,,, , , , , , , , , , , , , ,		. 0111101					FAGE.	· Or	

PROJECT LOGGED DRILLED	RING LOG FOR: OJECT NO.: GGED BY: ILLED BY (Company/Driller): D. SURFACE ELEVATION: RI OWS SAMP SAMPLING DEPTH SOIL						TRANSCRIBED BY: RAC ELEVATION FROM:	BORING NO.: START DATE: COMPLETION: MON. WELL NO CHECKED BY:		529A 1/30/04 1/30/04 N/A JL	
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS) SBP-SO-529A-0002	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIA CLASSIFICA Refer to Boring Log number 529 for soi	ATION	USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.) Using drive point to	FIELD SCREENING DATA METHOD = [FID, (PPM)]
			No samples for analysis 0' – 2'							advance 0' – 4' (no macrocores)	
2			SBP-SO-529A-0204								
			No samples for analysis 2' – 4'								
4			SBP-SO-529A-0406		Loose	Brown	SAND, trace silt. Fine-medium sand, p	poorly graded, organic roots	SP/Fill	Dry. No visible	FID = 232
:		1.5' 2'	Screening 1/30/04 @ 1015		▼ Denser		Sitty SAND, some gravel. Fine-medium coarse gravel subrounded ¼" – 1 ¼°, g fibers (possible cigarette), organic fiber	lass, stretchy material, filter-like rs, burned wood pieces, paint	SM/Fill	PACM/waste or geomembrane (spongy soil)	PID = 0 FID = 589 PID = 0 FID = 810
6			GDD 00 5004 0000		Loose		chips, glass, metal debris, newspaper ((low recovery)	Fill	Damp at 5.5'	PID = 0
,		1.2'	SBP-SO-529A-0608 Screening 1/30/04 @ 1030		Dense		Burned wood, glass, rubber pieces SAND, some silt, trace gravel. Fine-mand coarse subrounded gravel to 1", or		SM/Fill	Damp No visible PACM/waste or geomembrane Poor recovery due to fill	FID = 35 PID = 0 FID = 914 PID = 0
8						•			•		
METHOD METHOD METHOD	DRILLING F OF ADVAN OF SOIL SA OF ROCK O WATER LE	CING BORIN AMPLING: CORING:	GEOPROBE – LT 5 DIRECT- PUSH TE MACRO-CORE OP N/A Approximately 10' b	CHNIQUE en tube conti		; in 2' interva	ls	Note: PACM = Potential ast material PID = C, FID = C (faile			NUS, Inc.

Phase II Screening Flag number 493 Former Landfill area – recreational field

OTHER OBSERVATIONS:

2

PAGE:

BORING NO.: 529A

BORING L		•	Raymark OU9 RI/	FS			BORING NO.: START DATE:		529A	
PROJECT LOGGED			N1369 K. Jalkut				TRANSCRIBED BY: RAC COMPLETION	·DATE·	1/30/04 1/30/04	
		any/Driller):	Aquifer Drilling &	Testina/D. G	oolev		MON. WELL N		N/A	
GRD. SUF							ELEVATION FROM: CHECKED BY		JL	
	I		CAMBING	· · · · · · · · · · · · · · · · · · ·	3				Committee of the commit	
DEPTH (FEET) 8	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION	USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		1' _2'	SBP-SO-529A-0810 Screening		Dense	Brown Black	SILT, some sand. Fine-medium sand mixed with silt, plastic, ceramic tile, fabric, glass, paper, wood fibers, rock fragments, metal debris	SM/Fill	Poor recovery No visible PACM/waste No geomembrane Saturated @	FID = 59 PID = 3.1 FID = 85
	<u> </u>		1/30/04 @ 1040					1 1	approximately 9'	PID = 0.0
		-								
10					↓	+	(low recovery)	V		
				EOB @ 10' bgs			EOB @ 10' bgs = Backfill with bentonite chips (10'-1') and topsoil (1'-0')			
		-		1						
		-								
				-						
				_						
									_	
				1						
		-						\$		
				1						
		1						1	•	
	DDILL 200		OFORDOR LT	E4 (rig. 4)						
	DRILLING I	RIG: ICING BORIN	GEOPROBE - LT				Note:		Tetra Tech	NUS, Inc.
	OF SOIL S		MACRO-CORE O		inuous samplin	g in 2' inter	vals PACM = Potential as	sbestos con	aining	L)

N/A

Approximately 10' bgs reported by driller

Phase II Screening Flag number 493 Former Landfill area – recreational field

METHOD OF ROCK CORING:

GROUNDWATER LEVELS:

OTHER OBSERVATIONS:

PAGE:

material

BORING NO.: 529A

PID = C, FID = C (failed calibration check)

PROJECT		:	N1369	RI/FS				BORING NO.: START DATE:		530 1/6/04	
LOGGED			J. Lambert				TRANSCRIBED BY: DH	COMPLETION	: DATE:	1/6/04	
		pany/Driller)		& Testing/ R	ob Ullmann			MON. WELL N	0.:	N/A	
GRD. SU	RFACE E	LEVATION:	 				ELEVATION FROM:	CHECKED BY:		_JD	
	BLOWS	SAMP	SAMPLING	DEPTH	SOIL					B6177600	City a
DEPTH	PER	REC.	TIME	MAT'L	DENSITY/		MATERIAL		USCS	(moisture condition;	FIELD SCREENING
(FEET)	6"	/ CAMD	& SAMPLE NO.	CHG./	CONSIS.		CLASSIFICATION		or ROCK	odors; geological	DATA
0	N/A	SAMP LENG.	(QA/QC STATUS)	WELL PROF'L	or ROCK	CLR	OL OOL LESSENS VIII VIII VIII		BRKN	classification; rock	METHOD =
	1,,,,,		SBP-SO-530-0002	PROFL	HARD. Slightly	Brown	0' - 0.3' - Leaf litter/roots/topsoil 0.3' - 0.8' - Silty fine SAND, trace gravel (rounded), trace			weathering; etc.)	[FID, (PPM)]
		1.8'	361-30-300-0002	1	Loose	I	some organics (roots)	ce coarse sand,	SM	Moist	PID≃0.0
		2.0'	Screening		Louise		(000)				FID=0.0
1		/ 2.0	1/6/04 @ 1455				0.8' - 1.2' - Fine-coarse SAND, trace silt		▼		
'			170704 (@ 1400	-		Cranas			SW		
	 					Orange- Brown	1.2' - 1.3' - Silty fine SAND, some medium sand		SM		
						Brown	1.3' - 1.8' - Fine-coarse SAND, trace shell fragments, t (roots)	trace organics	SW		
2				4							
	<u> </u>		SBP-SO-530-0204				0' - 0.3' - Silty fine SAND, trace gravel, some wood fragr	ments	SM		PID=0.0
		1.2'	Screening	1	*	▼					FID=0.0
	<u> </u>	2.0'	_		Loose	Dark	0.3' - 0.7' - Medium - coarse SAND		SP		
3			1/6/04 @ 1500	4		Gray					
		İ			Slightly	Brown	0.7' - 1.2' - Fine-coarse SAND, trace shell fragments		SW		
					Loose						1
						1 1					
4					₩	▼	*		₩		Į.
	1			EOB @							
	. "			4' bgs							10
		į									
						•					7
										i.	l)
	Ì			1			•				
,											
						i -					
									,		
				1						-	
									 		
						<u> </u>					
TYPE OF			GEOPROBE – T	rack- mounte	d (rig 2)			-		Tetra Tech	NUS, Inc.
		NCING BORI		01							<u> </u>
		SAMPLING:	MACRO-CORE	open tube co	nunuous samp	ies to 4 feet i	n 2 toot intervals	-			⊢i l
METHOD			N/A					-		[•	[.
GROUND			Phase I FID=	B PID=	B Elo	number 749	Former Landfill area – Dorne Drive	PODING NO.	-00		
OTHER	DOERVAI	IONO.	FIIGSET FID-	ט רוט-	ь га	Judinuci 748	o i ormer cariorili alea – Donie Drive	BORING NO.: 8	530	PAGE: 1	OF 1
										It	NUS Form 0018

	NO.: BY:	any/Driller): EVATION:	Raymark OU9 RM N1369 K. Jalkut Aquifer Drilling &		Przybylski			DATE: .ETION: DATE: VELL NO.:	531 1/6/04 1/6/04 N/A JL		
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION Grass Surface – recreational field	USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	SCRE DA METH	ELD ENING ATA HOD = (PPM)]
		1.7'	SBP-SO-531-0002 Screening		Dense	Brown	Silty SAND, trace gravel, organic roots. Fine-medium sand, poorly fine gravel to ½" and coarse gravel to 1" (subangular)	graded, SM/Fill	Grass/root plug = approximately 3"	FID 0.0	PID 0.0
1		/ 2	1/6/04 @ 1415	1	Loose	- Gray	GRAVEL, some sand. Fine and coarse angular – subangular grave fragments / crushed stones (quartz pebbles), fine to coarse sand, w graded %" – 1 %" gravels		Damp	<u> </u>	-
2						Dark Gray	SAND, fine-medium sand, poorly graded, organic roots	SP/Fill	Dry	0.0	0.0
2		1.5'	SBP-SO-531-0204 Screening			Black - Gray - Brown	Silty SAND, some gravel. Fine-medium sand, poorly graded, fine a coarse subrounded gravel ½" to 1 ½", glass shards, metal fragment seashells, charred wood, newspaper, slag, crayon, nylon	nd SM/Fill		0.0	0.0
3		/ 2'	1/6/04 @ 1420		Dense	Dark					
					Dense	Brown	Silty SAND, fine-medium sand, poorly graded		Damp	0.0	0.0
4				EOB @ 4' bgs	+	*		. •		 	
				4 bya	-		EOB @ 4' bgs - Backfill with bentonite chips (4'-1') and topsoil (1'-(3')	1		
				-		<u> </u>		·		<u> </u>	
,					<u> </u>				-		
								*		 	
									<u></u>		
METHOD (DRILLING F OF ADVAN OF SOIL SA OF ROCK (CING BORIN MPLING: ORING:	GEOPROBE – 4 X G: DIRECT- PUSH MACRO-CORE O N/A		itinuous samį	ples to 4' in 2'		novement 8-10 min.	Tetra Tech	NUS, I	'nc.

Former Landfill Area - Recreational Field

OTHER OBSERVATIONS:

Phase I Flag Number 513

PAGE: 1 OF

BORING NO.: 531

PROJECT	NO.:		N1369				START DATE:		1/6/04	
LOGGED	BY:		J. Lambert				TRANSCRIBED BY: RAC COMPLETION		1/6/04	
DRILLED I		•	Aquifer Drilling & T	esting/Rob	Ullmann	·	MON. WELL N		N/A	
GRD. SUR	FACE ELE	VATION:					ELEVATION FROM: CHECKED BY		JD	_
DEPTH	BLOWS PER	SAMP REC.	SAMPLING TIME	DEPTH MAT'L	SOIL DENSITY/		MATERIAL	USCS	REMARKS (moisture condition;	FIELD SCREENING
(FEET)	6"	1	&	CHG./	CONSIS.		CLASSIFICATION	ROCK	odors; geological	DATA
0	NA	SAMP LENG.	SAMPLE NO. (QA/QC STATUS)	WELL	or ROCK	CLR	01 0.41 1 1144	BRKN	classification; rock	METHOD =
<u> </u>	INA	CLITO.	SBP-SO-532-0002	PROF'L	HARD. Loose	Dark	0' - 0.1' - Leaf litter/roots 0.1' - 0.3' - Fine to coarse SAND, trace silt, some organics (roots)	sw	weathering; etc.) Moist	[FID, (PPM)]
		1.1'	3BP-3U-932-0002		Loose	Brown	0.1 - 0.3 - Fine to coarse SAND, flace silt, some organics (100ts)	344	IWIOISE	PID = 0,0
		2'	Screening			Dark Red	0.3' 0.4' Brick / paving stone	Fili	Dry	11D = 0.0
.		/ 2	4/0/04 @ 4545		Slightly	Dark INEU	0.4' - 0.7' - Silty fine-medium SAND, some brick/paving stone fragments	SM/Fill	Moist	FID = 0.0
1			1/6/04 @ 1515		Loose		0.4 = 0.7 = Sity line-medicin SAND, some blick paving stone nagments	SIMILA	Wioist	FID = 0.0
							0.7' 0.9' - Brick / paving stone		Dry	
					Slightly		0.9' – 1.1' – Silty fine-medium SAND and brick/paving stone fragments	SM/Fill	Moist	
2					Loose		0.9 - 1,1 - Only line-medicin chief and blick/paving stolle liagilients	JIW// III	IAIOISE	
2			SBP-SO-532-0204			- •	0' – 0.2' – Silty fine SAND	┼ ╁		
		1.5'	35F-3U-332-0204			Brown	0.2' – 0.3' – Fine SAND, some silt, some medium sand, trace coarse	sw		PID = 0.0
		2'	Screening		Dense	Black	0.3' – 0.4' – Asphalt/solidified tar pieces, able to break apart, but hard	Fill	1 1	110-0.0
3		/ -	1/6/04 @ 1520		Deliae	DIGON	and petroleum odor	''''		FID = 0.0
<u> </u>	-		170704 @ 1020 :		Slightly	Brown	0.4' 1.3' Silty fine SAND, trace coarse sand	SM	PACM in sample	
					Loose	Diowii	0.4 - 1.0 Only line of 115, Bacc coarse saila	J	I Advisi ili sattiple	
ļ					1	Dark	1.3' – 1.5' – Silty fine-medium SAND, some fibers embedded - PACM	Fill	┨	<u> </u>
4					↓	Brown	1.0 = 1.0 = only line-median datab, some fibers embedded - i Aoni	''''	♦	
-				EOB @	<u> </u>			-		
				4' bgs						
	••• · •								_	
								-		
									1	
		-		1						
									-	
				İ				*		
										·
									1	
			1					<u> </u>	4	
	DRILLING F		GEOPROBE - Trac	k- mounted	(Rig 2)		Note:		Tetra Tecl	NUS, Inc.
METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: MACRO-CORE Open tube continuous samples to 4' in:						- 4- 41 !- 01 '	A	al aabe-t		
	OF SOIL SA			en tube con	unuous sample	s 10 4° IN 2° II	ntervals PACM = Potenti contain	ng material		█─│
METHOD OF ROCK CORING: N/A N/A CROUNDWATER LEVELS:										
	NDWATER LEVELS: R OBSERVATIONS: Phase I Flag Number 713 Form					Landfill Area	I – Dorne Drive FID/PID = B BORING NO.:	532	PAGE:	1 OF 1
OTHER	POEVAVII	J.140.	i ilaac i i lag ival				Total Control	·		THILLS Form 0019

532

Raymark OU9 RI/FS

PROJECT	NO.:		N1369					START DATE:		1/27/0)4	
LOGGED	BY:		J. Lambert				TRANSCRIBED BY: RAC	COMPLETION		1/27/0)4	
	BY (Compa	-	Aquifer Drilling &	Testing/R.,	Ullmann			MON. WELL N		N/A		
GRD. SUF	RFACE ELE	VATION:					ELEVATION FROM:	CHECKED BY:	:	JD		
DEPTH (FEET)	BLOWS PER 6* NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION		USCS or ROCK BRKN	(mois odor class	EMARKS ture condition; s; geological ification; rock thering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
			SBP-SO-532A-0002				Refer to Boring Log Number 532 for soil profile det	ails from 0' - 4' bgs				
			Full Suite, less dioxin and SPLP									
1			1/27/04 @ 1520]								
										Waste -	bottom 0.1'	
2	<u> </u>		SBP-SO-532A-0204	-					-			<u> </u>
			İ							ŀ		
			Full Suite, DAS metals							1		ļ
3			1/27/04 @ 1545	_								
										1		<u> </u>
4				<u> </u>			· ·					
		1.0'	SBP-SO-532A-0406 Full Suite, less dioxin		Slightly Loose	Tan	0' - 0.1' - Decomposed newspaper		Fill	Moist		PID = 0.0
5		/ 2'	and SPLP 1/27/04 @ 1610			Dark Brown	0.1' - 0.6' - Silty fine-medium SAND, some glass thin stretchy material, plastic pieces	, wire fragment, clear	SM/Fill	Wet		FID = 61.2
							0.6' 1.0' Fine-medium SAND		SP	Moist		
_												
6				EOB @ 6' bgs		V						
				Ungs	·					4		
									*			
				1								† · · · · · · · · · · · · · · · · · · ·
				<u> </u>	L							<u> </u>
	DRILLING F		GEOPROBE - Trac IG: DIRECT- PUSH	ck Mounted				lote:			Tetra Tecl	n NUS, Inc.
	OF SOIL SA	CING BORIN MPLING:	MACRO-CORE O	pen tube con	tinuous sample	es in 2' interv		Full Suite = SVOCs, Pe				•
1	OF ROCK O		N/A						xin, SPLP m asbestos, ar			C
II.	WATER LEV							<u> </u>				<u> </u>
OTHER C	BSERVATION	ONS:	Phase II Old Fla	g Number 71	13 Former	Landfill Area	- Dome Drive East PID=B / FID = E	BORING NO.:	532A		PAGE:	1 OF 1

532A

Raymark OU9 RI/FS

BORING L	OG FOR:		Raymark OU9 RI/	FS				BORING NO .:		5	33		
PROJECT	NO.:		N1369					START DATE:		1.	/6/04		
LOGGED	BY:		K. Jalkut				TRANSCRIBED BY: RAC	COMPLETION: DA	ATE:		/6/04		
DRILLED	BY (Compa	ıny/Driller):	Aquifer Drilling & 1	Testing/S.	Przybylski			MON. WELL NO.:			I/A		
GRD. SUF	RFACE ELE	VATION:					ELEVATION FROM:	CHECKED BY:		_ <u>J</u>	L		
		SAMP	SAMPLING	- Parameter	-	-				20023			
DEPTH	BLOWS	REC.	TIME	DEPTH MAT'L	SOII, DENSITY	,	MATERIAL		US	cs	REMARKS (moisture condition;		ELD ENING
(FEET)	PER 6"	1	&	CHG./	CONSIS		CLASSIFICATION		0		odors; geological		ATA
		SAMP	SAMPLE NO.	WELL	or ROCk	CLR			RO		classification; rock	METH	HOD =
0	NA .	LENG.	(QA/QC STATUS)	PROF'L	HARD.		Grass Surface – recreational field				weathering; etc.)		(PPM)]
		. ,	SBP-SO-533-0002	1	Dense	Brown	Silty SAND, trace gravel. Fine-medium sand, poorly grade subangular, to ½", organic roots	d, fine gravel,	SM/		rass/root plug = oproximately 3*	FID	PID
		1.9'	Screening				Subangular, to 72 , Organic 100ts				amp	0.0	0.0
		/ 2'	-	1	↓	↓				1		0,0	0.0
1			1/6/04 @ 1510	_			ļ					0,0	0.0
				1	Loose	Gray	GRAVEL, some sand. Fine to coarse gravel angular to sul		GW.		ap rock fill/gravel fill		i
				1			rock fragments, crushed stone (quartz pebbles), fine to coa	irse sano, well graded			yer		
				l .		Brown	SAND. Fine-medium sand, poorly graded, seashells		SP/	Fill Da	amp	0.0	0.0
2							- trace coarse sand at end of liner					0.0	0.0
			SBP-SO-533-0204	1		Gray	SAND, fine-medium sand, poorly graded			W	/et at 2' (sand)		
		1.9'	Caracias			Brown	1						
		/ 2°	Screening										
3		,	1/6/04 @ 1515				1		l i				İ
				1									T
				1	\ \	▼	▼					0.0	0.0
-				1	Denser	Dark	SAND, fine-medium sand, trace coarse sand, organic roots	3					
4				l.	1	Brown			1	7			
				EOB @									
				4' bgs			EOB @ 4' bgs - Backfill with bentonite chips (4'-1') and top	soil (1'-0')				i	
				1					_	_		-	
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	-			-	<u> </u>	_	<u> </u>	·····				-	
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										-		İ	1
	<u> </u>				J					L		<u> </u>	1
TYPE OF	PE OF DRILLING RIG: GEOPROBE – 4 X 4 Mule										Tetra Tech	NUS I	nc.
1 '		CING BORIN						Note:			. 50.0 7507	· • • • • • • • • • • • • • • • • • • •	
1	THOD OF SOIL SAMPLING: MACRO-CORE Open tube continuous sample						n 2' intervals	_			 	L)	
	THOD OF ROCK CORING: N/A							Plywood movement 8	<u> — 10</u>	min.			
1	JNDWATER LEVELS:												
OTHER O	BSERVATION	ONS:	Phase I Flag Nu	mber 535	Form	er Landfill A	rea - Recreational Field	BORING NO.: 533			PAGE: 1	OF	1

BORING L	OG FOR:		Raymark OU9 R	l/FS				BORING NO.:		534	
PROJECT	NO.:		N1369					START DATE:		1/6/04	
LOGGED			J. Lambert	•			TRANSCRIBED BY: DH	COMPLETION		1/6/04	
	BY (Compa	inv/Driller):	Aquifer Drilling &	R Testing/ Rob	Ullmann			MON. WELL N		N/A	
	RFACE ELE	-					ELEVATION FROM:	CHECKED BY		JD	
						-		-			
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSIT CONSIS OF ROC HARD	Y/ S. CK CLR	MATERIA CLASSIFICA' 0' - 0.2' - Grass/roots		USCS or ROCK BRKN	(moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		1.3'	SBP-SO-534-0002		Slightl	y Brown		l, some organic roots	SM	Moist	PID=0.0 FID=0.0
1		2.0	Screening 1/6/04 @ 1545		Loose		0.4' - 1.3' - Medium-coarse SAND, piece	e of slag at 1.1'	SP/Fill	Wet	FID=0.0
		-									
2						_ ↓	↓		1		
			SBP-SO-534-0204			Dark	0' - 0.7' - Medium-coarse SAND, geote	extile	SP	Geotextile in	PID=0.0
		2.0'	Screening and Confirmation			Gray				sample	FID=0.0
3			1/6/04 @ 1550			Tan	0.7' - 0.9' - Coarse SAND, some shell fr	agments, trace medium sand			
				1		Light	0.9' - 1.6' - Medium SAND, some fine sa	and			
				1		Brown			1		
										1	
4					▼				. ↓	₩	10
				EOB @	1						
				4' bgs							10
					1				1		
				-1 1							
				4	l				1		
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	<u></u>			_					-	ļ	
					<u> </u>						
						1					
						<u>d</u>				<u> </u>	
TYPE OF	DRILLING F	liG:	GEOPROBE - To	ack- mounted (Rig 2)					Tetra Tech	NUS Inc
		CING BORIN								I Gua I GGI	1400, mo.
	OF SOIL SA		MACRO-CORE	Open tube conti	inuous sam	ples to 4 feet	n 2 foot intervals			(∟Ì.
METHOD	OF ROCK O	ORING:	N/A								G]
i .	WATER LE										
OTHER O	BSERVATION	ONS:	Phase FID=E	PID= B		Flag number	762 Former Landfill area – han	idball court BORING NO.:	534	PAGE: 1	OF 1

PROJEC ²	ľ NO.:		N1369	•							START DATE:			1/29/0	4	
LOGGED	BY:		J. Lambert						TRANSCRIBED	BY: DH	COMPLETION:	DAT	E:	1/29/0		
DRILLED	BY (Comp	any/Driller):	: Aquifer Drilling &	Testing/ Ro	b Ullma	ากก					MON. WELL NO	D.:		N/A		
GRD. SU	RFACE EL	EVATION:							ELEVATION FR	ОМ:	CHECKED BY:			JD		
				K	· Constitution		C		Variable Control of the Control of t							
DEET.	BLOWS	SAMP	SAMPLING TIME	DEPTH	SO						,	115	SCS		EMARKS	FIELD
DEPTH (FEET)	PER 6"	REC.	1 IIVIE &	MAT'L	DENS					MATERIAL .			or	(mois	ture condition;	SCREENING
(' ')	"	SAMP	SAMPLE NO.	CHG./ WELL	CONS or RC		_	LR		CLASSIFICATION		RC	CK	Odo	s; geological ification; rock	DATA METHOD =
0	N/A	LENG.	(QA/QC STATUS)	PROF'L	HAR		"	LK				BF	RKN		thering; etc.)	[FID, (PPM)]
	+			111012					Refer to Boring Loc	Number 534 for soil profile deta	sils from 0-4'			******	inening, etc.)	[t ID, (FFIVI)]
			N1				1		Thore to boning boo	gramour out for our promo dose	ano mani o-r					
	ļ		No samples collected from 0' - 4' bgs									├		-		<u> </u>
1.			IIOIII V - 4 DYS	1												
4				1												
		/	SBP-SO-534A-0406	1	Loo	se	Ta	an	Medium-coarse SAI	ND, trace shell fragments		5	SP	Moist		PID=0.0
		2.0	Screening									İ				FID=0.0
		2.0'	Screening											1		
5		/	1/29/04 @ 1110	1								İ				
<u> </u>	<u> </u>			1	\vdash						10.1			 		-
1	<u> </u>				1 1								i			
-	 			1								\vdash	1	1		
6	<u> </u>				\longmapsto		-	1				ļ	ļ			
			SBP-SO-534A-0608					1								
		1.9'	Screening		\sqcup				Similar material to a	above		Ŀ		1		PID=0.6
		2.0'			1 1					1			ľ			FID=0.0
7		/	1/29/04 @ 1120	ļ			l		,					1		ł
				1												
				1												
				1				1				\vdash	1	i		<u> </u>
8				ļ			_	1	,	L						
<u> </u>	 		SBP-SO-534A-0810	1				_	0' - 0 2' - Madium-c	oarse SAND, trace shells		 -	╁	 		
		1.7'	301-30-334A-0010	İ			D.,	own	0.2' - 0.3' - Fine-coa	•			₩			DID = =
<u> </u>			Screening	i										.		PID=0.0
		2.0'		İ				Brown	0.3' - 0.9' - Medium			8	SP	↓		FID=0.0
9			1/29/04 @ 1125	1				ray		naterial to above (color change	only)	<u> </u>		<u> </u>		
							1	rple		ND, some medium sand				Wet		
							Purple	e-Gray	1.3' - 1.7' - Medium	SAND				lт	Garnet	
							l i			1				1	sands	
10					♦	,	1	,		_		١ ٠	₩	↓		
	-			EOB @	i				Note: hole collanse	d to 8' but we believe we are at v	vater table due			<u> </u>		
				10' bgs	1					ple and saturation of sample	Tator Table add	1				
					-		-			<u> </u>		H		-		ļ- -
1									1			l				
			<u> </u>	<u> </u>	<u> </u>		<u>. </u>									
TYPE OF	TYPE OF DRILLING RIG: GEOPROBE Track- mounted (Rig 2)														Tetra Tech	NILIS Inc
METHOD OF ADVANCING BORING: DIRECT- PUSH											Note:				retia recir.	NUS, INC.
1		AMPLING:	MACRO-CORE O	nen tuhe con	tinuous	samn	les to 4	feet in	2 foot intervals		Note Phase II screening	= A-	haeto	e and		.)
			N/A	tabo don		<u></u>					, nase il serecilling		etals	a ditu		
1	OD OF ROCK CORING: N/A INDWATER LEVELS: Approximately 9' bgs									· · · · · · · · · · · · · · · · · · ·		****				
	BSERVAT		Phase II FID= E		Old	Flagr	umber	762	Former I andfill are	a – handball court area	BORING NO.: 5	34A			DACE: 4	
CHEKL	POEKVAI	10110.	1 Dase 11 11D- 1	J , 11D-0	Jiu	iug I	- ALLIACI	1 72	. Ginoi Landini ale		I DOMING NO 3	~ ~			PAGE: 1	OF 1

534A

BORING LOG FOR:

BORING	LOG FOR	i:	Raymark OL	9 RI/FS					BORING NO.:			535		
PROJEC'	T NO.:		N1369						START DATE:		-	1/6/04		
LOGGED	BY:		K. Jalkut					TRANSCRIBED BY: RAC	COMPLETION: DA	ATE:	_	1/6/04		
DRILLED	BY (Com	pany/Drille	r): Aquifer Drillin	ng & Testin	g/S. Pr.	zybyl	ski		MON, WELL NO.:		-	N/A		
GRD. SU	RFACE EI	LEVATION						ELEVATION FROM:	CHECKED BY:		-	JL		
								A CONTRACTOR OF THE CONTRACTOR						
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENS CONS or RC HAR	SIS. OCK	CLR	MATERIAL CLASSIFICATION Grass Surface – recreational field		USC ROC BRI	r CK	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	SCRE D/ MET	ELD EENING ATA 'HOD = (PPM)
			SBP-SO-535-0002		Den	se	Brown	Silty SAND, trace gravel. Fine-medium sand, poorly graded, fine	gravel subangular	SM/		Grass/root plug =	FID	PID
		1.9'	Screening		L			to ½", organic roots			- 1	approximately 3"	0,0	0.0
1		/ 2°	1/6/04 @ 1525		Loos	se	Gray	GRAVEL, some sand. Fine to coarse angular – subangular to ½" fragments/crushed stones, fine to coarse sand well graded	- 1" gravel/rock	GW/	Fill	Damp	0.0	0.0
						Ì	Gray- Brown	SAND. Fine-medium sand, poorly graded. GRAVEL, some sand, fine and coarse angular-subangular gravels	s, rock fragments or	SP/				
2							▼ Black	crushed stone, fine to coarse sand, well graded SAND. Fine-medium sand, trace coarse sand, poorly graded, org	ganic reeds/roots	SP/	Fill	Damp	166	0.0
		0.8'	SBP-SO-535-0204 Screening				Brown	SAND, trace silt, trace gravel. Fine-medium sand, trace coarse sa fine gravel subangular to ½"	and, poorly graded,	\prod		Poor recovery Compressed fill		
3		/ 2'	1/6/04 @ 1530					FILL. Glass shards, charred wood, newspaper, sticky substance material), pencil, fiber pad (gray) plastic stars – poor recovery	decomposed	Fi.	11			
											1		183	0.0
4					↓		↓			7	- 1			
				EOB @ 4' bgs				EOB @ 4' bgs – Backfill with bentonite chips (4'-1') and topsoil (1'	-0')					
										,				
								,			\neg			
1	DRILLING		GEOPROBE		•							Tetra Tech	NUS.	Inc.
1		NCING BO							Note:				_	
	-	SAMPLING:		RE Open tul	be contin	nuous	samples to	4' in 2' intervals				 	┡╢	
METHOD	OF ROCK	CORING	N/A						Plywood movement 8	- 10 ı	min.		I _ 1	

Former Landfill Area - Recreational Field

GROUNDWATER LEVELS: OTHER OBSERVATIONS:

Phase I Flag Number 561

1 OF

PAGE:

BORING NO.: 535

BORING L	OG FOR:		Raymark OU9 RI/I	FS			ВО	RING NO.:	535A	
PROJECT	NO.:		N1369				ST	ART DATE:	1/30/04	
LOGGED	BY:		J. Lambert				TRANSCRIBED BY: DH CO	MPLETION: DATE:	1/30/04	
DRILLED	BY (Compa	any/Driller):	Aquifer Drilling & 7	Festing/ Rob	Ulimann		MC	N. WELL NO.:	N/A	
	RFACE ELE						ELEVATION FROM: CH	ECKED BY:	JD .	
								Mark to the second seco	The state of the s	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION	USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
							Refer to Boring Log Number 535 for soil profile details from 0)-4'		
4			No samples collected from 0' - 4' bgs						1	
		,	SBP-SO-535A-0406	1	Slightly	Tan	0' - 0.6' - Fine-medium SAND	SP	Moist	PID≃0.0
		1.8'	Compains		Dense	Brown	0.6' - 1.0' - Fine-medium SAND, some silt			FID=195.0
5		2.0'	Screening 1/30/04 @ 1035		Slightly Loose	Dark Brown	1.0' - 1.3' - Fine-medium SAND, trace coarse sand	sw] ↓	(bottom)
						White	1.3' - 1.6' - Ash/man made material, some glass	Fill	Wet Organic odor	
6						Black	1.6' - 1.8' - Silty fine SAND, some glass, some aluminum foil	SM/Fill		
			SBP-SO-535A-0608			f i i				PID=0.0
		1.3'	Screening			<u> </u>	0' - 0.1' - Silty fine-medium SAND	. 🔻		FID=294.0
		2.0'				Light	0.1' - 0.4' - Fine-medium SAND	SP		
7		/	1/30/04 @ 1050		▼	Gray	0.4' - 0.6' - Silty fine-medium SAND and wood fragments	SM		<u></u>
					Slightly Dense	Yellow- Black	0.6' - 1.3' - FILLplastic, cardboard, and newspaper (decom	posed) Fill		
8					<u> </u>	<u> </u>	↓			
		0.4'	SBP-SO-535A-0810	İ					0.2' = Fine silty sand	
9		2.0	NO ANALYSIS 1/30/04 @ 1110				Note: When sample was removed boring had 2' of water in the Water table is shallower than 8' – will not collect last sample	ne hole	0.2'-0.4' = Wood	
10								*	1	
-				EOB @						
				, io ogo		-			†	
	l	l	<u> </u>	<u> </u>	<u> </u>	1			<u> </u>	
TYPE OF	DRILLING F	RIG:	GEOPROBE Trac	k- mounted (Rig 2)				Tetra Tech	NUS. Inc.
METHOD	OF ADVAN	CING BORIN	G: DIRECT- PUSH				Notes:	Il corponing - Asharir		
METHOD OF SOIL SAMPLING: MACRO-CORE Open tube continuous samples to 4 feet in				s to 4 feet in	2 foot intervals	II screening= Asbestos Metals	and	L Ì		
1	METHOD OF ROCK CORING: N/A			FID fail	ed PM check		[ما			
1			Approximately 8' bg							
OTHER O	BSERVATION	ONS:	Phase II FID=C /	PID≃C Old	Flag number	561 Forme	er Landfill area – Field outside of Mini golf course BOR	ING NO.: 535A	PAGE: 1	OF 1

1 OF

	NO.: BY: BY (Com	: pany/Driller): LEVATION:	Raymark OU9 R N1369 J. Lambert Aquifer Drilling 8		ob Ullmann		TRANSCRIBED BY:	BORING NO.: START DATE: COMPLETION: MON. WELL NO CHECKED BY:		536 1/6/04 1/6/04 N/A JD	
DEPTH (FEET)	BLOWS PER 6* N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION		USCS or ROCK BRKN	(moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
1		1.7'	SBP-SO-536-0002 Screening 1/6/04 @ 1600		Loose	Gray Light Gray	0' - 0.6' - Medium-coarse SAND, trace organics (ro 0.6' - 1.7' - Medium-coarse SAND, trace shells and		SP	Moist Wet	PID=0.0 FID=0.0
2											
3		2.0'	SBP-SO-536-0204 Screening 1/6/04 @ 1605				* Medium SAND, trace coarse sand				PID=0.0 FID=0.0
4						•	•				
				EOB @ 4' bgs			* Note- structure lost due to movement of very loss	se sand			
,					<u> </u>						
									\$		
1	OF ADVAN	NCING BORIN AMPLING:	GEOPROBE – Tra NG: DIRECT- PUSH MACRO-CORE C			es to 4 feet in	2 foot intervals			Tetra Tecl	NUS, Inc.
GROUND' OTHER O	WATER LE	VELS:	Phase I FID= B	PID= I	B Flag	number 764	Former Landfill area – handball court	BORING NO.: 5	36	PAGE:	1 OF 1

BORING L	OG FOR:		Raymark OU9 Ria	/FS			BORING NO.:		537		
PROJECT			N1369				START DATE	•	1/6/04		
LOGGED I			K. Jalkut				TRANSCRIBED BY: RAC COMPLETION		1/6/04		
DRILLED E		nv/Driller):	Aquifer Drilling &	Testing/S_i	Przyhylski		MON. WELL I		N/A		
GRD. SUR				· · · · · · · · · · · · · · · · · · ·			ELEVATION FROM: CHECKED BY		JL		
	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,							-			
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION Recreational Field - Grass Surface	USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	SCRE DA META	ELD ENING ATA HOD = (PPM)]
 			SBP-SO-537-0002	TROLE	Dense	Brown	Silty SAND, trace gravel. Fine-medium sand, poorly graded, fine gravel	SM/Fill	Grass/root plug =	FID	PID
		1.8'	Screening				subrounded to 1/2", organic roots		approximately 3" Damp	0.0	0.0
1		/ 2°	1/6/04 @ 1600		Loose	[SAND - Fine-medium sand, poorly graded	SP/Fill		0.0	0.0
						Dark Brown	SAND – Fine-medium sand, poorly graded, glass shards, trace coarse sand, compressed soil			0.0	0.0
2									1	,	
		2' /	SBP-SO-537-0204	1		Tan Gray	SAND - Fine-medium sand, poorly graded		Saturated at 2' – (sand unit)	0.0	0.0
		2'	Screening				Similar to above, with trace silt		<u> </u>		
3			1/6/04 @ 1605	4				\perp		<u> </u>	<u> </u>
					Denser I	Brown- Black	SAND, some gravel. Fine-medium sand, trace coarse sand, poorly graded, some gravel (fine and coarse subrounded to subangular to ½" – 1"), plastic shoe with foot (toy)		Damp only	0.0	0.0
4						₩	Side wall look (loy)	+			
				EOB @ 4' bgs			EOB @ 4' bgs – Backfill with bentonite chips (4'-1') and topsoil (1'-0')				
									1	-	
				-							
									_		
						-					ļ
								\$			
										-	
TVDE OF	DBULING	210:	GEOPROBE – 4 X	A Mula /Gas	onrobe)	1	U			11112	<u></u>
TYPE OF I		dg: CING BORIN		- Mule (GEC	opione)		Note:		Tetra Tech	IVUS, I	nc.
•	OF SOIL S		MACRO-CORE O	pen tube cor	ntinuous sami	ples to 4' in				•)	
METHOD :	OF ROCK	CORING:	N/A			,	Plywood movem	ent 8 10 min	· [[[
OTHER O	NATER LE BSERVATI		Phase I Flag Nu	ımber 583	Former	Landfill Are	BORING NO.:	537	PAGE: 1	OF	1

BORING L	OG FOR		Raymark OU9 F	RI/FS				BORING NO.:		538	
PROJECT	NO.:		N1369					START DATE:		1/6/04	
LOGGED			J. Lambert				TRANSCRIBED BY: DH	COMPLETION:	DATE:	1/6/04	
DRILLED	BY (Com	any/Driller):	Aquifer Drilling &	& Testing/ Ro	ob Ullmann '			MON. WELL NO		N/A	
		EVATION:	<u>.</u>				ELEVATION FROM:	CHECKED BY:	J	JD	
								OHEORED DI.		_ 3D	
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO.	MAT'L CHG./ WELL	DENSITY/ CONSIS. or ROCK	CLR	MATERIAL CLASSIFICATION		USCS or ROCK	REMARKS (moisture condition; odors; geological classification; rock	FIELD SCREENING DATA METHOD =
0	N/A	LENG.	(QA/QC STATUS)	PROF'L	HARD.		0.4' - Asphalt-removed prior to drilling		BRKN	weathering; etc.)	[FID, (PPM)]
		1.7'	SBP-SO-538-0002 Screening		Loose	Gray	0' - 0.7' - Fine-coarse SAND		sw	Moist	PID=0.0 FID=0.0
1:		2.0'	1/6/04 @ 1625		Slightly Loose	Black	0.7' - 0.8' - Asphalt/solidified tar (petroleum odor, sna	ps into pieces)	Fill		
					 	Tan	0.8' - 1.0' - Fine-medium SAND, trace silt, trace grave	el (subrounded)	SP 		
2		;			Loose	Gray Brown	1.0' - 1.4' - Fine- medium SAND 1.4' - 1.7' - Fine SAND, trace medium sand				
			SBP-SQ-538-0204	1 1		Tan	0' - 1.0' - Medium SAND, trace coarse sand				PID=0.0
		1.4'	Screening		IV II		1.0' - 1.4' - Medium-coarse SAND, trace fine gravel (rounded)			FID=0.0
		2.0'	Screening								
3			1/6/04 @ 1630	-	<u> </u>				*	+	_
4	:				[+]	+					
				EOB @ 4' bgs							
							•				
				-							<u> </u>
1					<u> </u>						
									•		
TYPE OF I	DRILLING	RIG.	GEOPROBE – Tra	ack- mounted	(rin 2)						
METHOD	OF ADVAN	ICING BORII		ack- mounted	(1g 2)					Tetra Teci	h NUS, Inc.
METHOD (MACRO-CORE C	Open tube con	ntinuous sample	es to 4 feet in	n 2 foot intervals			f=)
METHOD			N/A								T
GROUND											
OTHER OF	BSERVATI	ONS:	Phase I FID= E	PID=1	B Flag	number 7	65 Former Landfill area – handball court	BORING NO.: 5:	38	PAGE:	1 OF 1

BORING L PROJECT LOGGED DRILLED GRD. SUF	NO.: BY: BY (Compa	any/Driller): EVATION:	Raymark OU9 RI/ N1369 K. Jalkut Aquifer Drilling &		Przybylski		- - - -	TRANSCRIBED BY: RAC COM MON	NG NO.: RT DATE: PLETION: DATE: . WELL NO.: CKED BY:	- - - -	539 1/6/04 1/6/04 N/A JL		
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CL	R	MATERIAL CLASSIFICATION Recreational Field - Grass Surface	USC OI ROC BR	CK	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	DA	ENING .TA <i>10D</i> =
		1.8'	SBP-SO-539-0002		Dense	Red		Silty SAND, trace gravel. Fine-medium sand, poorly graded, fine g subangular to ½", organic roots	ravel SM/		Grass/root plug = approximately 3"	FID 0.0	PID 0.0
1		2'	Screening 1/6/04 @ 1615		Loose	Brov	٧n	SAND. Fine-medium sand, poorly graded, plastic pieces	SP/	/Fill	Damp	0.0	0.0
'			170704 @ 1010	1	-								
								-					
2			SBP-SO-539-0204	-		Brow	, 	SAND. Fine-medium sand, poorly graded			Coherend at Olive have		_
		2' /	Screening			Gra		SAND. Fille-medium sanu, poony graded			Saturated at 2' in brown gray sand unit	0.0	0.0
3		/ 2'	1/6/04 @ 1620					One 1" interval of black colored sand (color change only)		Ì			
				1				One 1° interval of gray colored sand (color change only)			Not saturated - Damp only		
						Blac		SAND. Similar to above			Olly	0.0	0.0
4				EOB @	V	Gra	зу					0.0	0.0
				4' bgs				EOB @ 4' bgs - Backfill with bentonite chips (4'-1') and topsoil (1'-1')	0')				
		·											
										\neg			
				1							-		
						ļ			*				
-													
705.05		10-	OFORDORF AV	4 Mula	<u> </u>	J	····						
	TYPE OF DRILLING RIG: GEOPROBE – 4 X 4 Mule METHOD OF ADVANCING BORING: DIRECT- PUSH							Note:			Tetra Tech	NUS, II	nc.
METHOD OF SOIL SAMPLING: MACRO-CORE Open tube continuous samples to 4' METHOD OF ROCK CORING: N/A						ples to 4	4' in 2		d movement 8 – 10	min.	71		
GROUND	SROUNDWATER LEVELS:											ン	
OTHER O	BSERVATK	ONS:	Phase I Flag Nu	mber 604	Former	Landfil	Area	BORIN	G NO.: 539		PAGE: 1	OF	1

PAGE: 1 OF

PROJECT	NO.:		N1369					START DATE:		1/6/04	
LOGGED			J. Lambert				TRANSCRIBED BY:DH	COMPLETION: D		1/6/04	
DRILLED	BY (Com	pany/Driller)	: Aquifer Drilling &	& Testing/ R	ob Ullmann			MON. WELL NO.:		N/A	
GRD. SUI	RFACE E	LEVATION:					ELEVATION FROM:	CHECKED BY:		JD	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION		USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
1		1.2' 2.0'	SBP-SO-540-0002 Screening 1/6/04 @ 1645		Loose	Tan	Medium-coarse SAND		SP	Moist	PID=0.0 FID=0.0
2			SBP-SO-540-0204				0' - 0.2' - Similar material to above				PID=0.0
		1.3'	Screening			Brown	0.2' - 0.25' - Silty fine-medium SAND		SM		FID=0.0
3		/ 2.0	1/6/04 @ 1650			Tan Brown	0.25' - 0.3' Fine-medium SAND, some shells 0.3' - 0.4' - Fine-medium SAND, some silt		SP		
						Tan	0.4' - 0.9' - Medium-coarse SAND and SHELL fragmen	nts			
4					\	*	0.9' - 1.3' - Fine-medium SAND, trace angular-subang	ular gravel			-
,				EOB 4' bgs					3		
	OF ADVA OF SOIL S OF ROCK	NCING BORI SAMPLING: CORING;				oles to 4 fee	in 2 foot intervals			Tetra Tech	NUS, Inc.
OTHER O	BSERVAT	IONS:	Phase 1 FID= E	B PID=	B Flag	number 76	Former Landfill area – handball court area	BORING NO.: 540		PAGE: 1	OF 1 NUS Form 0018

540

BORING LOG FOR:

PROJECT LOGGED DRILLED	ORING LOG FOR: ROJECT NO.: OGGED BY: RILLED BY (Company/Driller): RD. SURFACE ELEVATION: BLOWS SAMP		Raymark OU9 R N1369 J. Lambert Aguifer Drilling &		ob Ullmann		TRANSCRIBED BY:DH	BORING NO.: START DATE: COMPLETION: DA MON. WELL NO.: CHECKED BY:	TE:	541 1/7/04 1/7/04 N/A JD	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION 0' - 0.2' - Grass/roots		USCS or ROCK BRKN	(moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
1		1.8'	SBP-SQ-541-0002 Screening 1/7/04 @ 1135		Slightly Loose Slightly Dense	Dark Red Brown	0.2' - 0.4' - Fine-medium SAND, some silt, some organics 0.4' - 1.0' - Silty fine-medium SAND, trace organics (roots)		SP SM	Moist	PID=0.0 FID=0.0
					Slightly Loose	<u></u>	1.0' - 1.6' - Fine-coarse SAND, trace silt		sw		
2			SBP-SO-541-0204		Slightly Dense	Tan	1.6' - 1.8' - Fine-medium SAND, some silt 0' - 0.4' - Fine-medium SAND, trace silt		SP	Wet	PID=0.0
3		2.0'	Screening 1/7/04 @ 1140			Brown Tan Brown	0.4' - 0.5' - Fine sandy SILT 0.5' - 0.7' - Fine-medium SAND 0.7' - 0.9'- Similar to above; mica flakes (sand sized) reason	on for color change	ML SP		FID=56.0
4						Dark Brown	0.9' - 1.6' - Fine sandy SILT, plastic at 1.1', slight organic o	dor, glass pieces	ML/Fill	. ↓	
				EOB @ 4' bgs							
,									>		
METHOD (METHOD) GROUND)		ICING BORII AMPLING: CORING: :VELS:		pen tube cor	ntinuous sampl	es to 4 fee	t in 2 foot intervals 53 Former Landfill area -field by mini golf course	RODING NO : 544		Tetra Tech	NUS, Inc.

PROJEC1	Γ NO.:		N1369					START DATE:		1/30/04	ļ	
LOGGED			J. Lambert				TRANSCRIBED BY: DH	COMPLETION	: DATE:	1/30/04		
		pany/Driller):	Aquifer Drilling	& Testing/ Ro	b Ullmann			MON. WELL N		N/A		
GRD. SU	RFACE EL	EVATION:					ELEVATION FROM:	CHECKED BY	:	JD		
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION		USCS or ROCK BRKN	(moista odors classif	MARKS ire condition; ; geological ication; rock pering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
			No samples collected from				Refer to Boring Log Number 541 for soil profile	details from 0' - 4'			3 ,,	<u> </u>
1			0' - 4' bgs									
2				_				***************************************				
									<u> </u>			
3				_					-			
									<u> </u> -	_		
4			SBP-SO-541A-0406	_	Slightly	Dark	0' - 0.9' - Silty fine SAND, some medium sand		SM	Moist		DID 00
		1.3'	Screening		Dense	Gray	0.9' - 1.0' - Fine-medium SAND, trace silt		SP	- WOISE		PID=0.0 FID=7.1
5			1/30/04 @ 1145	-		Biack	1.0' - 1.3' - WOOD, some fine-medium SAND		Fill	Wet		
					\vdash				-			
6				_			+					
		0.7'	SBP-SO-541A-0608 Screening			+	0' - 0.2' - Silty fine SAND, some wood fragmen		SM			PID=0.0 FID=532
7		2.0'	1/30/04 @ 1155			Dark Gray	0.2' - 0.6' - Fine SAND, trace silt, some organ gravel	ics, some fine angular	SP ,			
						Tan	0.6' - 0.7' - WOOD		Fill			
8				EOB @ 8' bgs	<u> </u>	+				 		
TYPE OF			GEOPROBE – T		(Rig 2)			Notes:			Tetra Tech	NUS. Inc.
1		NCING BORI				- 4- 45- 11	0.6-1101	Phase II Screening	na = Asbest	tos and		
METHOD METHOD			MACRO-CORE N/A	Open tube cor	ntinuous sample:	s to 4 feet i	in 2 foot intervals	FID failed PM che	Metals			
GROUND			Approximately 7									
OTHER O	BSERVAT	IONS:	Phase II FID=	C PID= C	Old Flag number	er 653	Former Landfill area - outside of Mini golf course	BORING NO.:	541A		PAGE: 1	OF 1

541A

BORING LOG FOR:

BORING L	OG FOR	:	Raymark OU9	RI/FS				BORING NO.:		542		
PROJECT	NO.:		N1369		•			START DATE:		1/7/04		
LOGGED	BY:		J. Lambert		•		TRANSCRIBED BY:DH	COMPLETION: I	DATE:	1/7/04	,	
		pany/Driller)): Aquifer Drilling	& Testing/ R	ob Ullmann			MON. WELL NO).:	N/A		
		LEVATION:					ELEVATION FROM:	CHECKED BY:		JD		
DEDTH	BLOWS PER	SAMP REC.	SAMPLING TIME	DEPTH	SOIL				USCS		EMARKS	FIELD
DEPTH (FEET)	6"	KEC.	* * * * * * * * * * * * * * * * * * *	MAT'L	DENSITY/		MATERIAL CLASSIFICATION		ог		ture condition;	SCREENING
()		SAMP	SAMPLE NO.	CHG./ WELL	CONSIS. or ROCK	CLR	CLASSIFICATION		ROCK		s; geological ification; rock	DATA METHOD =
0	N/A	LENG.	(QA/QC STATUS)	PROF'L	HARD.	OLI C	0' - 0.2' - Grass/topsoil	İ	BRKN		thering; etc.)	[FID, (PPM)]
			SBP-SO-542-0002		Slightly	Dark	0.2' - 0.7' - Silty fine-medium SAND; some organics (roo	ts)	SM	Moist	<u> </u>	PID=0.0
Ì		1.8'			Dense	Red		•	1			FID=0.0
		2.0'	Screening			Brown	0.7' - 1.6' - Silty fine-coarse SAND, trace organics (roots	,				7.15 5.15
1		/ 2.0	1/7/04 @ 1150			Diomi	o. The one mic source of the flace organics (roots	′ !				
<u> </u>			17704 @ 1130	-	 		-					
			:		\vdash							
						Dark	1.6' - 1.8' - Silty fine-coarse SAND					
2						Brown						L
		,	SBP-SO-542-0204	1			0' - 0.2' - Similar to above		+		"	PID=0.0
		1.4'	0	1		Black	0.2' - 0.3' - WOOD pieces		Fill			FID=15.5
		2.0'	Screening	1		Brown	0.3' - 0.5' - Silty fine-medium SAND, layer of blue glass a	at 0.45'	SM/Fill	↓		
3			1/7/04 @1155							▼		
				1		Dark	0.5' - 1.4' - Fine SAND, trace silt		SP	Wet	 -	
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				1	↓				- ↓	ΙŢ		
4				4	<u> </u>		ļ <u> </u>					
				EOB @								
		,		4' bgs								
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Ì									s			
	<u> </u>			4								
					1							
TYPE OF			GEOPROBE -		ed (rig 2)						Tetra Tech	NUS, Inc.
		NCING BOR										
		SAMPLING:		Open tube co	ontinuous samp	les to 4 feet	in 2 foot intervals				 	-
		CORING:	N/A								[🖷 !	Lj i
GROUND												<u> </u>
OTHER O	BSERVA	TIONS:	Phase I FID=	A PID=	A Flag	number 67	9 Former Landfill area – next to mini golf course	BORING NO.: 54	2		PAGE: 1	OF 1

BORING LOG FOR: Raymark OU9 RI/FS PROJECT NO.: N1369 LOGGED BY: J. Lambert							\$	BORING NO.: START DATE:	543 1/7/04	
DRILLED	BY (Comp	any/Driller): EVATION:		Testing/ Ro	b Ullmann	· · · · · · · · · · · · · · · · · · ·	·····	COMPLETION: DATE: MON. WELL NO.: CHECKED BY:	1/7/04 N/A JD	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION 0' - 0.2' - Grass/roots	USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		1.7'	SBP-SO-543-0002 Screening			Dark Red	0.2' - 0.5' - Silty fine-medium SAND, some silt, some gla organics	ass, trace SM/Fill	Moist	PID=0.3 FID=0.0
1		2.0'	1/7/04 @ 1115			Gray	0.5' - 0.8' - Fine SAND, some coarse sand 0.8' - 1.2' - Silty fine-medium SAND	SP SM	11	
						Light Brown Gray	1.2' - 1.3' - Fine sandy SILT 1.3' - 1.7' - Silty fine-medium SAND	ML SM		
2						<u> </u>	₩			
		1.7'	SBP-SO-543-0204 Screening			Dark Gray	0' - 0.6' - Fine SAND, some silt	SP		PID=0.0 FID=0.0
3			1/7/04 @ 1120			Gray	0.6' - 1.3' - Fine-medium SAND			
			Duplicate (DUP II) 1/7/04 @ 1125			Dark Gray	1.3' - 1.7' - Fine-medium SAND, some silt			
4		į		FOD &				<u> </u>	1	
				EOB @ 4' bgs					(Note- sample partially Frozen by the time it is logged due to	
				-					extreme cold)	
									_	
<u> </u>								,	_	<u> </u>
								· · · · · · · · · · · · · · · · · · ·		
							. ,,,,			
METHOD METHOD	OF ADVAN OF SOIL S OF ROCK	ICING BORII AMPLING: CORING:	GEOPROBE - Tra NG: DIRECT- PUSH MACRO-CORE CO N/A			es to 4 feet in 2	foot intervals		Tetra Tech	NUS, Inc.
GROUND\			Phase I FID=A	/ PID=A	Flag number	626 Fort	ner andfill area - field peyt to mine golf course R	ORING NO 542	DAOF: 4	<u> </u>

BORING I	OG FOF	{ :	Raymark OU9	RI/FS			В	ORING NO.:		544		
PROJECT	NO.:		N1369				S	START DATE:		1/7/0	4	
LOGGED	BY:		J. Lambert				TRANSCRIBED BY:DH C	OMPLETION: DA	ATE:	1/7/0	1	
DRILLED	BY (Com	pany/Driller): Aquifer Drilling	& Testing/ R	ob Ullmann			ION. WELL NO.:		N/A		
GRD. SUF	RFACE E	LEVATION:					ELEVATION FROM:	HECKED BY:		JD		
	DI OMO	CALAD	CAMPUNC	-	20170							-
DEPTH	BLOWS PER	SAMP REC.	SAMPLING TIME	DEPTH MAT'L	SOIL DENSITY/		MATERIAL		uscs		REMARKS	FIELD
(FEET)	6"	1	&	CHG./	CONSIS.		CLASSIFICATION		or		sture condition; rs; geological	SCREENING DATA
		SAMP	SAMPLE NO.	WELL	or ROCK	CLR	02 tooli 10/11/01/		ROCK		sification; rock	METHOD =
0	N/A	LENG.	(QA/QC STATUS)	PROF'L	HARD.		0' - 0.3' - Grass/roots		BRKN		athering; etc.)	[FID, (PPM)]
		/	SBP-SO-544-0002	1	Slightly	Dark	0.3' - 0.6' - Silty fine-medium SAND, some organics (roots)		SM	Moist		PID≃0.0
		1.4'	Screening	1	Loose	Red						FID=0.0
		/ 2.0'	Soleening		Slightly	Brown	0.6' - 1.1' - Silty fine-medium SAND			1		
1		,	1/7/04 @ 1305	l .	Dense				♥			
				1	Dense	Gray	1.1' - 1.4' - GRAVEL, some fine-coarse sand		GW			
				1								
2						♦				♦		
			SBP-SO-544-0204	1	Slightly	Black	Silty fine-coarse SAND, some fine gravel, also asphalt pieces	(sand-fine.	SM/Fill	Damp		PID=3.3
		0.8'			Dense	1	gravel-sized) throughout	(42	1	1		FID=7.6
	-	2.0'	Screening			 						7.6
3		/	1/7/04 @ 1310	1						1)		
				1	\vdash				_			
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4	 					l			1			
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				4' bgs		-						
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			0500000		142-0							<u> </u>
TYPE OF			GEOPROBE - T	rack- mounte	a (rig 2)						Tetra Tech	NUS, Inc.
		NCING BOR		Ones delle		landa dife	the O feet intervals					
		SAMPLING:		Open tube co	nunuous samp	ies to 4 fee	t in 2 foot intervals					-
		CORING:	N/A		· · · · · · · · · · · · · · · · · · ·						[•	L -j
GROUND			Phase I FID=	B PID=	D Eleaa	umber 68	O Formar Landfill area field now to mini acit	DINC NO. 544				
OTHER O	DOEKVA	IONO:	Filase I FID=	O FID-	u riay ii	ailinet 00	6 Former Landfill area – field next to mini golf course BO	RING NO.: 544			PAGE: 1	OF 1

	F NO.: BY: BY (Comp	: pany/Driller) LEVATION:	Raymark OU9 RI N1369 J. Lambert Aguifer Drilling &		ob Ullmann		TRANSCRIBED BY:DH	BORING NO.: START DATE: COMPLETION: I MON. WELL NO CHECKED BY:		545 1/7/04 1/7/04 N/A JD	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION 0' - 0.2' - Grass/roots		USCS or ROCK BRKN	(moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
1		1.8'	SBP-SO-545-0002 Screening 1/7/04 @ 1325		Slightly Dense	Dark Red	0.2' - 0.4' - Fine-medium SAND, some silt, some org		SP	Moist	PID=0.2 FID=0.0
2						Gray	0.4' - 1.8' - Fine-medium SAND, trace shell fragment	ts			
3		1.6' 2.0'	SBP-SO-545-0204 1/7/04 @ 1330 Screening and Confirmation DUP 12 1/7/04 @1335			Tan Dark Gray	0' - 0.2' - Similar to above 0.2' - 0.4' - Similar to above color change only 0.4' - 0.7' - Silty fine SAND		SM		PID=0.4 FID=0.0
4						Black	0.7' - 1.1' - Fine sandy SILT 1.1' - 1.6' - Silty fine-medium SAND and metal fragicrushed tin cans)	ments (possible	ML SM/Fill		
				EOB @ 4' bgs							
,									<u> </u>		
	OF ADVAN OF SOIL S OF ROCK WATER LE	NCING BORI SAMPLING: CORING: EVELS:	GEOPROBE – Tra DIRECT- PUSH MACRO-CORE O N/A Phase I FID=B/	pen tube con			2 foot intervals Former Landfill area – field next to mini golf course	BORING NO.: 54	5	Tetra Tecr	NUS, Inc.

PROJECT LOGGED DRILLED		•	Raymark OU9 Ri N1369 K. Jalkut Aquifer Drilling &		Przybylski		BORING NO. START DATE TRANSCRIBED BY: RAC COMPLETION MON. WELL ELEVATION FROM: CHECKED BY	: N: DATE: NO.:	546 1/7/04 1/7/04 N/A JL		
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION Ballfield - Grass Surface	USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	SCRE DA METH	ELD ENING ATA HOD = (PPM)]
		1,6'	SBP-SO-546-0002 Screening		Dense	Red Brown	Silty SAND. Fine-medium sand, poorly graded, organic roots	SM/Fill	Grass/root plug = approximately 2" Damp	FID 0,0	PID 0.0
1		2'	1/7/04 @ 1320		Loose	Tan-Gray	SAND. Fine-medium sand, poorly graded, seashells	SP/Fill		0.0	0.0
					Dense	Black	ASPHALT chunks	Fill		0.0	0.0
2					\	\		\top]		
		2'	SBP-SO-546-0204 Screening		Loose Dense	Tan-Gray Dark Gray	SAND. Fine-medium sand, poorly graded, seashells Silty SAND, trace gravel. Fine-medium sand, trace coarse sand, poorly	SP/Fill	Saturated sand at 2'	0.0	0,0
3		/ 2'	1/7/04 @ 1325		Loose	Gray-Black	graded, fine gravel subrounded to 1/4" SAND. Fine-medium sand, poorly graded	_		39.9	0,0
			117701 3 1020	1		Dark Gray	SAND, trace gravel. Fine-medium sand, trace coarse sand, trace fine grav subrounded to ½"	el	Dry	62.4	0.0
4					+	+		\			
				EOB @ 4' bgs			EOB @ 4' bgs Backfill with bentonite chips (4'-1') and topsoil (1'-0')				
				1							
				_							
,					<u>.</u>						
				_				*			
1	DRILLING F		GEOPROBE 4 X	4 Mule					Tetra Tech	NUS, I	nc.
		CING BORIN		non tubo o	tinuous sassa	los to 4' in 0'	intervale			<u> </u>	
METHOD	OF SOIL SA OF ROCK (WATER LEV	ORING:	MACRO-CORE O	ben tube cor	iunuous samp	nesto 4° In 2°	niteryals			L	
	BSERVATION		Phase I Flag Nu	mber 455	Former	Landfill Area	BORING NO.:	546	PAGE: 1	1 OF	1

PAGE: 1 OF

BORING LOG FOR: PROJECT NO.: LOGGED BY: DRILLED BY (Company/Driller): GRD. SURFACE ELEVATION: Raymark OU9 RI/FS N1369 J. Lambert Aquifer Drilling & Testing/ Rob Ullmann							TRANSCRIBED BY: DH COMP	g no.: date: Letion: date Well no.: (Ed by;				
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION 0' - 0.2' - Grass/roots	USC or ROC BRK	(mois odo olas	REMARKS sture condition; ors; geological sification; rock athering; etc.)	FIELD SCREENING DATA METHOD =	
		1.7'	SBP-SO-547-0002 Screening		Slightly Loose	Dark Red	0.2' - 0.6' - Silty fine SAND, trace coarse sand, some organics (ro	ofs) SM		mening, e.c.)	[FID, (PPM)] PID=0.3 FID=0.0	
1		2.0'	1/7/04 @ 1340			Light Brown	0.6' - 1.2' - Fine-medium SAND, some silt, trace organics (roots)	SP				
		;				Tan	1.2' - 1.7' - Fine-medium SAND			-		
2		1.6'	SBP-SO-547-0204	-	—	Dark Grav	0' - 0.5' - Similar material to above 0.5' - 0.6' - SILT, trace fine sand	→ ML	1 1		PID=0.3 FID=0.0	
3		2.0'	Screening 1/7/04 @ 1345		Slightly Dense	Black	0.6' - 1.0' - Silty fine-medium SAND, plastic (hard) at 0.9'	SM/F			110-0,0	
							1.0' - 1.6' - Silty fine-coarse SAND, wood pieces					
4				EOB @ 4' bgs				V				
					,							
TYPE OF E METHOD (METHOD (GROUND) OTHER OF	OF ADVAN OF SOIL S OF ROCK VATER LE	ICING BORII AMPLING: CORING: EVELS:	GEOPROBE Tre NG: DIRECT-PUSH MACRO-CORE C N/A Phase I FID=B		tinuous sampl	es to 4 feet in	2 foot intervals Former Landfill area – field pext to mini colf course ROPING	NO. 547		Tetra Tech	NUS, Inc.	

LOGGED			K. Jalkut				TRANSCRIBED BY: RAC	COMPLETION: D		1/7/04		
		any/Driller):	Aquifer Drilling &	Testing/S. I	Przybylski		ELE MATION EDOM	MON. WELL NO.: CHECKED BY:		N/A		
GRD. SU	RFACE ELI	EVATION:		W			ELEVATION FROM:	CHECKED BY:		JL	27	
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD,	CLR	MATERIAL CLASSIFICATION Ballfield - Grass Surface		USCS or ROCK BRKN	(moisture condition; odors; geological classification; rock weathering; etc.)	SCREI DA METH	ELD ENING ATA HOD = (PPM)]
		2' /	SBP-SO-548-0002		Dense	Red Brown	Silty SAND. Fine-medium sand, poorly graded, organi	c roots	SM/Fill	Grass/root plug = approximately 2"	FID 0.0	PID 0.0
1		2'	Screening 1/7/04 @ 1340		$\overline{\downarrow}$	$\overline{}$	•		+	(frozen)		
				1	Loose	Tan-Gray	SAND. Fine-medium sand, poorly graded, seashell fra	gments	SP/Fill		0.0	0.0
									1			
2		0' 1	SBP-SO-548-0204	1			+			Saturated sand		
		2' /2'	Screening		Dense	Dark Brown	Silty SAND, some gravel. Fine-medium sand, poorly g gravel subrounded to ½" – 1", organic roots/reeds	raded, fine to coarse	SM/Fill		88	0.0
3			1/7/04 @ 1345	-	Loose		SAND. Fine-medium sand, poorly graded, organic roo	ts/reeds	SP/Fill	Damp only	106	0.0
											45	0.0
4				EOB @ 4' bgs	V	_	▼		*			
				4 bys			EOB @ 4' bgs – Backfill with bentonite chips (4'-1') and	d topsoil (1'-0')			-	
				-								
						-					-	
				-					-	6		
'					-	-						
				-					\$			
	DRILLING I		GEOPROBE – 4 X	(4 Mule (Mul	e)			_		Tetra Tech	NUS, I	nc.
		CING BORIN	IG: DIRECT- PUSH MACRO-CORE O	non tubo co	atinuous same	olee to 41 in 191	intervals					
METHOD	OF SOIL S	CORING:	N/A	pen tube col	iungous samp	JICS IO 4 NI Z	anter vers	_				
	WATER LE		Phase I Flag No	umber 503	Former	Landfill Area		BORING NO.: 548	,	PAGE: 1	OF	1 .
										T	tNUS For	m 0018

START DATE:

548

1/7/04

Raymark OU9 RI/FS

N1369

BORING LOG FOR:

PROJECT NO.:

PROJECT NO.: LOGGED BY: DRILLED BY (Company/Driller): GRD. SURFACE ELEVATION: Raymark OU9 RI/FS N1369 J. Lambert Aquifer Drilling & Testing/ Rob Ullmann							TRANSCRIBED BY:DH	START DATE: COMPLETION: D MON. WELL NO. CHECKED BY:		549 1/7/04 ATE: 1/7/04 N/A JD		
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP	SAMPLING TIME & SAMPLE NO.	DEPTH MAT'L CHG./ WELL	SOIL DENSITY/ CONSIS. or ROCK	CLR	MATERIAL CLASSIFICATION		USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock	FIELD SCREENING DATA METHOD =	
0	N/A	LENG.	(QA/QC STATUS) SBP-SO-549-0002	PROF'L	HARD. Slightly Dense	Dark Red	0.2' - 0.7' - Silty fine-medium SAND, trace coarse sand (roots)	d, some organics	SM	weathering; etc.) Moist	[FID, (PPM)] PID=0.2 FID=0.0	
1		2.0°	Screening 1/7/04 @ 1400			Gray	0.7' - 1.0' - Fine-medium SAND, trace shell fragments		SP			
						Black Dark Gray	1.0' - 1.2' - WOOD (stained) 1.2' - 1.6' - Fine-medium SAND, some silt		Fill SP			
2			SBP-SO-549-0204		▼ Slightly	Gray	0' - 0.6' - Fine-medium SAND				PID=0.5	
		1.1'	Screening		Loose Slightly	Black	0.6' - 0.9' - Fine sandy SILT and FILL- plastic, glass an	nd wood	SM/Fill		FID=0.0	
3			1/7/04 @ 1405	-	Dense Slightly	Brown	0.9' - 1.0' - Silty fine-coarse SAND					
4					Loose	Black	1.0' - 1.1' - Fine sandy SILT and FILL, glass, wood		ML/Fill			
				EOB @ 4' bgs	V							
				<u> </u>					<u>-</u>			
									5			
TYPE OF DRILLING RIG: METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: GROUNDWATER LEVELS: GEOPROBE – Track- mounted (rig 2) DIRECT- PUSH MACRO-CORE Open tube continuous samples to 4 feet in N/A						les to 4 feet in	2 foot intervals	-		Tetra Tec	th NUS, Inc.	
OTHER O	BSERVAT	TONS:	Phase I FID≃ B	3 / PID= B	Flag numb	er 605	Former Landfill area - field near mini golf course	BORING NO.: 549	9	PAGE:	1 OF 1	

BORING L	.OG FOR:		Raymark OU9 RI/	FS			BORING NO).:	550		
PROJECT			N1369				START DAT	E:	1/7/04		
LOGGED			K. Jalkut				TRANSCRIBED BY: RAC COMPLETION		1/7/04		
		iny/Driller):	Aquifer Drilling &	Testing/S. I	Przybylski		MON. WELI		N/A		
GRD. SUF	RFACE ELE	VATION:					ELEVATION FROM: CHECKED I	BY:	JL		
		SAMP	SAMPLING	DEPTH	eou.		**************************************			=	
DEPTH	BLOWS PER	REC.	TIME	MAT'L	SOII. DENSITY/		MATERIAL	uscs	REMARKS (moisture condition;		LD ENING
(FEET)	6"	. /	&	CHG./	CONSIS.		CLASSIFICATION	OL	odors; geological		TA
0		SAMP LENG.	SAMPLE NO. (QA/QC STATUS)	WELL	or ROCK	CLR		ROCK BRKN	classification; rock	METH	IOD =
	NA	LENG.		PROF'L	HARD.		Ballfield - Grass Surface		weathering; etc.)		PPM)]
			SBP-SO-550-0002		Dense	Red - Brown	Silty SAND, trace gravel. Fine-medium sand, poorly graded, fine subrour gravel to ½", organic roots	nded SM/Fill	Grass/root plug = approximately 2"	FID	PID
		1.8'	Screening						- Damp	1.1	0.0
		/ 2			Loose	Tan-Gray	SAND. Fine-medium sand, poorly graded	SP/Fill		8.4	0.0
1			1/7/04 @ 1400		<u> </u>						
					Dense	Black	Silty SAND, some gravel. Fine to coarse sand, well graded, fine to coars	e SM/Fill	Frozen soil		ĺ
							gravel subangular to ½" - 1", rock fragments/crushed stone				<u> </u>
								1 1		23.7	0.0
2							<u> </u>	_ ▼] !	ĺ
			SBP-SO-550-0204		Loose	Tan-Gray	SAND. Fine-medium sand, poorly graded	SP/Fill	Saturated sand at 2'		
		1.1'	Screening								ĺ
		2 ′	Screening		Dense	Black	Silty SAND, some gravel. Fine to coarse sand, well graded, fine to coars	e SM/Fill		218.7	0.0
3		,	1/7/04 @ 1405		1 1 1		gravel subangular to subrounded 1/2" - 1", organic material				ĺ
				1							1
								*	7	817	0.0
4					▼ .	▼	Fibrous pad at end of liner - long non-shiny hairs (possible hair or fur)	Fill	Possible Geotextile	"	
				EOB @						+	-
				4' bgs			EOB @ 4' bgs - Backfill with bentonite chips (4'-1') and topsoil (1'-0')	1			1
					-				7		
											1
				1						+	
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				1					<u> </u>		l_
TYPE OF	DRILLING F	ilG:	GEOPROBE - 4 X	4 Mule					Tetra Tech	MIIS	nc
1		CING BORIN							Tetta Tetti	1103, 11	K.
	OF SOIL SA		MACRO-CORE OF	en tube cor	tinuous samp	les to 4' in 2'	intervals		 	.)	
1	OF ROCK O		N/A								
1	WATER LE										
OTHER O	BSERVATION	ONS:	Phase I Flag Nu	mber 779	Former	Landfill Area	BORING NO.:	550	PAGE: 1	1 OF	1

BORING		:	Raymark OU9	RI/FS				BORING NO.:	551		
PROJECT NO.: N1369 LOGGED BY: J. Lambert							START DATE:	1/7/04			
							TRANSCRIBED BY:DH	COMPLETION: DATE:	1/7/04		
		pany/Driller		& Testing/ R	lob Ullmann			MON. WELL NO.:	N/A		
GRD. SUF	RFACE E	LEVATION:					ELEVATION FROM:	CHECKED BY:	JD		
	BLOWS	SAMP	SAMPLING			-	MALL IN A MARKATON IN THE THE PROPERTY OF THE TOTAL PROPERTY OF THE THE THE THE THE THE THE THE THE THE		*******	- 1207 A 100 TO TO TO TO TO THE THE TO THE T	·
DEPTH	PER	REC.	TIME	DEPTH MAT'L	SOIL DENSITY/		MATERIAL	USC		EMARKS	FIELD
(FEET)	6"	1	8	CHG./	CONSIS.	1	CLASSIFICATION	ог	(moist	ture condition; s; geological	SCREENING
` ′	,	SAMP	SAMPLE NO.	WELL	or ROCK	CLR	ODAGGI IQATIQI	ROC	\ alassi	s, geological ification; rock	DATA METHOD =
0	N/A	LENG.	(QA/QC STATUS)	PROF'L	HARD!		0' - 0.3' - Grass/roots	BRKI		thering; etc.)	[FID, (PPM)]
		,	SBP-SO-551-0002		Slightly	Dark Red	0.3' - 0.7' - Silty fine-medium SAND, some organics (roo	ots) SM			PID=0.2
		1.7'		1	Loose			·			FID=0.0
	 	2.0'	Screening	1		Tan	0.7' - 1.4' - Fine-medium SAND, trace organics (roots),	trace glass SP/Fi	. 		
1		/ 2.0	1/7/04 @ 1430	1		1	s I i i i i i i i i i i i i i i i i i i	1 doc glass	<i>"</i>		
<u> </u>	 		11770-1 (2) 1-100	-			 	 - 			ļ
	<u> </u>			1		↓		1 1			
				1	\vdash			<u>V</u>			
				1		Dark	1.4' - 1.7' - Silty fine SAND	SM			-
2				_		Brown				<u> </u>]
		,	SBP-SO-551-0204	1	11 1 1	1	0' - 0.1' - Similar material to above	Fill			PID=0.5
		1.9'	0	1	Y		0.1' - 0.2' - SLAG				FID=0.0
		2.0'	Screening	1	Slightly	Black	0.2' - 0.8' - Fine-coarse SAND, some fine gravel, trace s	silt SW	1		-
3			1/7/04 @ 1435	1	Dense						
	· · · · · · · · · · · · · · · · · · ·			-		Dark Gray	0.8' - 1.6' - Fine-coarse SAND, some fine gravel, trace	silt, metal SW/F			
				1	1 1	Dam Glay	fragments, wood	one, metal	***]
			i	1	Vani	Black		Fu			
1.				1	Very	Black	1.6' - 1.9' - Asphalt	Fill			
4	<u> </u>			_	Dense						
1				EOB @							
				4' bgs							
				1							
				1							
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	4										J
TYPE OF DRILLING RIG: GEOPROBE – Track- mounted (rig 2)										Tetra Tech	NUS, Inc.
METHOD OF ADVANCING BORING: DIRECT- PUSH											
METHOD OF SOIL SAMPLING: MACRO-CORE Open tube continuous samples to 4 feet in					ontinuous sam	oles to 4 feet in	2 foot intervals				[]
METHOD OF ROCK CORING: N/A										[• •	إما
GROUND											
OTHER O	BSERVA1	IONS:	Phase FID=	B / PID=B	Flag n	umber 584	Former Landfill area – field next to mini golf course	andfill area – field next to mini golf course BORING NO.: 551 PAGE: 1			OF 1

PROJECT			Raymark OU9 RI. N1369	/FS	···	 -	BORING NO.:		552		
LOGGED			K. Jalkut				TRANSCRIBED BY: RAC COMPLETION:	DATE	1/7/04	 	
		ıny/Driller):	Aquifer Drilling &	Testing			MON. WELL NO		1/7/04		
	RFACE ELE						ELEVATION FROM: CHECKED BY:)	_N/A JL		
						_	OTILONED ST.			•	
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DEN SITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION Ballfield - Grass Surface	USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	SCRE DA META	ELD ENING ATA HOD = (PPM)]
		1.6′	SBP-SO-552-0002 Screening		Dense	Red- Brown	Silty SAND, trace gravel. Fine-medium sand, poorly graded, organic roots, coarse gravel subrounded to 3/4"	SM/Fill	Grass/root plug = approximately 2*	FID 0.0	PID 0.0
1		/ 2'	1/7/04 @ 1415		↓	+		 	(frozen) Damp		
					Loose	Tan-Gray	SAND. Fine-medium sand, poorly graded	SP/Fill		0.0	0.0
2									1		
		2'	SBP-SO-552-0204 Screening				SAND. Fine-medium sand, poorly graded		Saturated sand at 2'	0.0	0.0
3		2'	1/7/04 @ 1420		<u> </u>	1					
			12		Dense	Black/Gray	intervals (gray), organic roots/reeds	ML/OL	Soft material	0.8	0.0
4					<u> </u>	Black	SAND, some gravel. Fine to coarse sand, well graded, fine to coarse gravel subrounded to $1/2^{\circ}-1^{\circ}$	SWFill	Frozen soil	0.0	0.0
				EOB @ 4' bgs			EOB @ 4' bgs – Backfill with bentonite chips (4'-1') and topsoil (1'-0')				
				1							
									•		
								,			
METHOD (DRILLING R DF ADVANC DF SOIL SA DF ROCK C	ING BORING MPLING:	GEOPROBE – 4 X DIRECT- PUSH MACRO-CORE OF N/A			les to 4' in 2'	intervals		Tetra Tech	NUS, II	1C.
GROUNDV	VATER LEV	ELS:		mber 474	Former I	Landfill Area	BORING NO : 55	32	PACE: 1		

BORING LOG FOR: PROJECT NO.: LOGGED BY: DRILLED BY (Company/Driller): GRD. SURFACE ELEVATION: Raymark OU9 RI/FS N1369 J. Lambert Aquifer Drilling & Testing					ob Ullmann		TRANSCRIBED BY:DH	BORING NO.: START DATE: COMPLETION: MON. WELL N CHECKED BY:	O.:	·		
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION 0' - 0.2' - Grass/roots		USCS or ROCK BRKN	REM/ (moisture odors; go classifica weatheri	condition; eological tion; rock	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		1.8'	SBP-SO-553-0002 Screening		Slightly Loose	Dark Brown	0.2' - 0.6' - Fine-medium SAND, some organics (ro	ots)	SP		1131 0.0.7	PID=0.0 FID=0.0
1		2.0'	1/7/04 @ 1445			Gray	0.6' - 1.2' - Fine-medium SAND		+			
					Slightly Dense	Brown	1.2' - 1.8' - Fine-coarse SAND, trace subangular-su	ibrounded gravel	SW		****	
2					 	Gray- Brown	1.8' - 1.9' - Fine-coarse SAND, some glass		SW/Fill	Frozen		
		1.5'	SBP-SO-553-0204 Screening		Slightly	Dark Brown	0' - 0.1' - Silty fine SAND		SM/Fill			PID=0.5 FID=0.0
3		2.0'	1/7/04 @ 1450		Slightly Dense		0.1' - 1.5' - Silty fine-coarse SAND, trace glass, slag	g fragments				
								 				
4				EOB	<u></u>	+			*			
				4' bgs								
					-							
-												
				-								
,					<u> </u>							" " " " " " " " " " " " " " " " " " "
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						<u> </u>						
TYPE OF I	ORULING	RIG.	GEOPROBE – Tr	ack- mounted	(rio 2)						77.	
METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: MCRO-CORE Open tube continuous samples to 4 feet in N/A N/A OTHER OBSERVATIONS: Phase I FID= B / PID= B Flag number 562							2 foot intervals Former Landfill area	BORING NO.: 5	53.		Tetra Tech	E)

	NO.: BY:	any/Driller): EVATION:	Raymark OU9 RI N1369 K. Jalkut Aquifer Drilling &		Przybylski	i	TRANSCRIBED BY: RAC ELEVATION FROM:	BORING NO.: START DATE: COMPLETION: DATE: MON. WELL NO.: CHECKED BY:	554 1/7/04 1/7/04 N/A JL		
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSIT CONSIS or ROC HARD	S. K CLR	MATERIAL CLASSIFICATION Ballfield - Grass Surface	USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	SCRE DA METH	ELD ENING ATA HOD = (PPM)]
1		1.7' 2'	SBP-SO-554-0002 Screening 1/7/04 @ 1440	ŀ	Dense	Red Brown	Silty SAND, trace gravel. Fine-medium sand, poorly graded, subrounded to ½", organic roots	fine gravel SM/Fill	Grass/root plug = approximately 3" (frozen)	FID 0.0	PID 0.0
			17104 @ 1440		Loose	Tan-Gra	y SAND. Fine-medium sand, poorly graded	SP/Fill	Damp sand	0.0	0.0
2			SBP-SO-554-0204 Screening	-					Saturated sand at 2'	0.0	0.0
3			1/7/04 @ 1445	-	Dense	Black	- Color change to black fine-medium sand SILT with organics Silty SAND, some gravel. Fine-medium sand, trace coarse s	OL/Fill sand, coarse SM/Fill	Damp fines (soft)	0.0	0.0
4				EOB @ 4' bgs		•	gravel subrounded to 1", organic roots EOB @ 4' bgs Backfill with bentonite chips (4'-1') and tops				
METHOD METHOD	OF SOIL SA OF ROCK C WATER LEV	CING BORING MPLING: ORING: /ELS:	MACRO-CORE O			imples to 4' i		BORING NO: 554	Tetra Tech	NUS, II	nc.

	NO.: BY: BY (Comp	: pany/Driller) .EVATION:	Raymark OU9 R N1369 J. Lambert Aquifer Drilling 8		ob Ullmann		MON. V		555 1/7/04 1/7/04 N/A	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	£ EPTH MAT'L CHG./ WELL PROF'L	DE NSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION	USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		1.4' 2.0'	SBP-SO-555-0002 Screening		Slightly Loose	Light Brown	0.2' - 0.6' - Silty fine SAND, trace gravel	SM	Moist	PID=0.3 FID=0.0
1			1/7/04 @ 1500		Loose	Brown	0.6' - 1.4' - Fine-coarse SAND and GRAVEL, some silt	sw		
2					\Box		—			
		1.9'	SBP-SO-555-0204 Screening and confirmation		Slightly Dense	Dark Red Dark	0' - 0.3' - Fine-medium SAND, trace silt 0.3' - 0.5' - Silty fine SAND, trace gravel 0.5' - 0.9' - Fine SAND	SP SM SP		PID=0.3 FID=0.0
3			1/7/04 @ 1505			Gray Off White	0.9' - 1.3' - Fine-coarse SAND, trace gravelconcrete fragments	SW/Fill	Dry	
4					Slightly Loose	Dark Gray	1.3' - 1.9' - Silty fine SAND	SM	Moist	
				EOB @ 4' bgs						
		į								
								<u> </u>		
TYPE OF I METHOD (METHOD (GROUND)	OF ADVAN OF SOIL S OF ROCK WATER LE	ICING BORII AMPLING: CORING: :VELS:	GEOPROBE – Tra NG: DIRECT- PUSH MACRO-CORE C N/A Phase I FID=B		tinuous sample	es to 4 feet in		NO: 555	Tetra Teci	h NUS, Inc.

BORING I	OG FOR:		Raymark OU9 RI	/FS			BC	ORING NO.:	556		
PROJEC1	NO.:		N1369				ST	ART DATE:	1/7/04		
LOGGED	BY:		K. Jalkut					OMPLETION: DATE:	1/7/04		
		any/Driller):	Aquifer Drilling &	Testina/S. I	Przybylski			ON, WELL NO.:	N/A		
	RFACE ELI			<u> </u>				ECKED BY:	JL		
										·	
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DE NSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION Ballfield - Grass Surface	USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	SCRE DA METI	ELD ENING ATA HOD = (PPM)]
			SBP-SO-556-0002		Dense	Red	Silty SAND, some gravel. Fine-medium sand, poorly graded, fin	e gravel SM/Fill	Grass/root plug =	FID	PID
		1.8'	Screening			Brown	subrounded to ½", organic roots		approximately 2"	0.0	0.0
1		·	1/7/04 @ 1505		Loose	Gray	GRAVEL/ROCK FRAGMENTS	GP/Fill			
		-				Brown	SAND, some gravel. Fine-medium sand, poorly graded, fine grasubrounded to ½"			0.0	0.0
2								.			
		1.4'	SBP-SO-556-0204 Screening	1	Dense	<u></u>	Silty SAND, trace gravel. Fine-medium sand, poorly graded, fine subrounded to %"		Damp	0.0	0.0
3		/ 2'	1/7/04 @ 1510		Loose	Tan- Gray	SAND. Fine-medium sand	SP/Fill			
					Dense	Brown	Silty SAND, trace gravel. Fine-medium sand, poorly graded, fine subrounded to ½", plastic, newspaper	e gravel SM/Fill		0,0	0.0
4				500.0		<u></u>		<u> </u>			
				EOB @ 4' bgs			EOB @ 4' bgs - Backfill with bentonite chips (4'-1') and topsoil ((1'-0')	_		<u></u>
				1							
									-	<u> </u>	-
									-		
TYPE OF	DRILLING F	NG:	GEOPROBE – 4 X	4 Mule				·	Totro Too	h MILIC I	Inn
METHOD		CING BORIN	G: DIRECT- PUSH MACRO-CORE O		tinuous samp	les to 4' in	2' intervals		Tetra Tecl	NUS, I	nc.
1	OF ROCK (N/A								

Phase I Flag Number 642

Former Landfill Area

OTHER OBSERVATIONS:

PAGE:

BORING NO.: 556

BORING L			Raymark OU9 R	I/FS				BORING NO.:		557	
PROJECT			N1369					START DATE:		1/7/04	
LOGGED			J. Lambert				TRANSCRIBED BY:DH	COMPLETION: D	ATE:	1/7/04	
		any/Driller):	Aquifer Drilling &	k Testing/ Ro	ob Ullmann			MON, WELL NO.	:	N/A	
GRD. SUF	RFACE EL	EVATION:					ELEVATION FROM:	CHECKED BY:		JD	
	BLOWS	SAMP	SAMPLING		-					Commence of the second commence of the second	***
DEPTH	PER	REC.	TIME	DEPTH MAT'L	DENSITY/		MATERIAL		USCS	REMARKS	FIELD
(FEET)	6"	1	&	CHG./	CONSIS.	1	CLASSIFICATION		ог	(moisture condition; odors; geological	SCREENING DATA
		SAMP	SAMPLE NO.	WELL	or ROCK	CLR			ROCK BRKN	classification, rock	METHOD =
0	N/A	LENG.	(QA/QC STATUS)	PROF'L	HARD.	<u> </u>	0' - 0.2' - Grass/roots		BRAN	weathering; etc.)	[FID, (PPM)]
		/	SBP-SO-557-0002		Slightly	Brown	0.2' - 0.8' - Silty fine SAND, trace organics (roots)		SM	Moist	PID=0.3
		1.7'	Screening		Loose	ļ					FID=0.0
		2.0'	-		Slightly	1 1	0.8' - 1.3' - Fine-coarse SAND, some sitt, trace fine grave	el	SW		
1			1/7/04 @ 1515		Dense						
			•		Slightly	Dark Red	1.3' - 1.7' - Fine coarse SAND, trace silt				
					Loose			İ			
2					🔻	▼			- ₩ -	₩	
			SBP-SO-557-0204		Loose	Off - White	0' - 0.4' - Pulverized concrete		Fill	Dry	PID=0.4
		1.3'				Gray	0.4' - 0.6' - Fine-medium SAND		SP	Moist	FID=0.0
		2.0'	Screening		Slightly	Brown	0.6' - 0.8' - Silty fine SAND		SM		115, 0.0
3			1/7/04 @ 1520		Dense				Ų,		Į.
					- I	Black	0.8' - 1.3' - Fine-medium SAND, some silt, glass fragmer	nte	SP/Fill		
		•) Diagn	o.o 1.o modium or ato, borne dae, glade magnica	1110	1		
					-						
4	\vdash				↓				-	↓	
7				EOB@	- 				·	-	<u> </u>
				4' bgs							ļ
				4 bys							
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			OFORDORF T		14: 0						
TYPE OF I			GEOPROBE ~ Tr	ack- mounted	(ng 2)					Tetra Ted	ch NUS, Inc.
		ICING BORII		Inon fuho	ationoma operat	as to 4 fact in	2 foot intervals				
METHOD		AMPLING:	MACRO-CORE C	vhen mpe cor	minuous sampi	cs to 4 leet In	Z TOOL TERRITORIS				∏
GROUND\			NA							['	46)
OTHER O			Phase I FID=B	/ PID= B	Flag numb	nor 534	Former Landfill area – field next to mini golf course	ODING NO. 55	7		
O LUCK O	POEKVAII	UNO.	FHIASE I FIU-D	1 L ID - D	r jay numi	JU1 JU4	i omnor Landim area - neid next to milli gon course	BORING NO.: 557	*	PAGE:	1 OF 1

PROJECT			N1369	 .			START DAT	Ξ:	1/7/04		
LOGGED			K. Jalkut				TRANSCRIBED BY: RAC COMPLETIC		1/7/04		
	BY (Compa	•	Aquifer Drilling &]	resting/S. I	rzybylski		MON. WELL		N/A		
GRD. SUI	RFACE ELE	:VATION:				-	ELEVATION FROM: CHECKED E	Y:	JL		
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION Ballifield	USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	SCRE DA METH	ELD ENING ATA HOD = (PPM)]
		1.6'	SBP-SO-558-0002		Loose	Red - Brown	SAND, some silt, trace gravel. Fine-medium sand, fine gravel subrounded χ^* , organic roots	to SM/Fill	Grass/root plug = approximately 2"	FID 0.0	PID 0.0
1		2'	Screening 1/7/04 @ 1530			Tan-Gray	SAND. Fine-medium sand, poorly graded, seashells	SP/Fill	(frozen)	0.0	0.0
2										_	
		2'	SBP-SO-558-0204 Screening		Dense	Tan-Gray	SAND, trace silt. Fine-medium sand, poorly graded	+		0.0	0.0
3		2'	1/7/04 @ 1535			Black	SILT, organics	OL/Fill	Damp		
							Silty SAND, some gravel. Fine to coarse sand, well graded, fine to coarse subrounded and subangular gravel ½" – 1"	SM/Fill		26.2	0.0
4					\ \	+	GRAVEL layer – 2" Silty SAND, some gravel, similar to above	GP/Fill SM/Fill		34.3	0.0
				EOB @ 4' bgs			EOB @ 4' bgs – Backfill with bentonite chips (4'-1') and topsoil (1'-0')				
		·									
									-		
										_	
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								*			
									<u>, , , , , , , , , , , , , , , , , , , </u>		
TYPE OF	DRILLING R	IG:	GEOPROBE - 4 X	4 Mule					Tetra Tech	MIS	nc
METHOD METHOD METHOD		CING BORIN MPLING: ORING:		•	tinuous samp	es to 4' in 2	2' intervals		Tella Tech	E	nc.
OTHER O	BSERVATIO	NS:	Phase I Flag Nur	nber 519	Former	Landfill Area	BORING NO.:	558	PAGE:	1 OF	1

558

BORING LOG FOR:

Raymark OU9 RI/FS

BORING L	OG FOR:		Raymark OU9 R	I/FS				BORING NO.:		559	
PROJECT	NO.:		N1369		<u> </u>	,		START DATE:		1/7/04	
LOGGED	BY:		J. Lambert				TRANSCRIBED BY: DH	COMPLETION: I	DATE:	1/7/04	
DRILLED:	BY (Comp	any/Driller):	Aquifer Drilling &	Testing/ Ro	b Ullmann			MON. WELL NO	.:	N/A	
		EVATION:		*			ELEVATION FROM:	CHECKED BY:		JD	
				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	, gramma na na na na na na na na na na na na na	· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·	rie de la como de la c		
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP	SAMPLING TIME & SAMPLE NO.	DEPTH MAT'L CHG./ WELL	SOIL DENSITY/ CONSIS. or ROCK	CLR	MATERIAL CLASSIFICATION		USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock	FIELD SCREENING DATA METHOD =
0	N/A	LENG.	(QA/QC STATUS)	PROF'L	HARD.		0' - 0.2' - Grass/roots			weathering; etc.)	[FID, (PPM)]
		1.5'	SBP-SO-559-0002		Slightly Loose	Brown	0.2' - 0.7' - Silty fine SAND, some organics (roots)		SM	M oist	PID=0.0 F1D=0.0
1		2.0'	Screening 1/7/04 @ 1535		\downarrow	Gray	0.7' - 0.8' - GRAVEL, some fine medium sand		GP	Dry	
				_	Slightly	Tan	0.8' - 1.0' - Fine coarse SAND, some gravel		sw	Moist	
					1	Brown	1.0' - 1.4' - Silty fine-medium SAND		SM		
2]	Dark Red	1.4' - 1.5' - Fine-medium SAND, some silt		SP		
			SBP-SO-559-0204			- Lancing	0' - 0.1' - Similar material to above		- 1		PID=0.0
		1.4'	BBI -00-000-0204			Black	0.1' - 0.6' - Fine-medium SAND, some silt				FID=0.0
		2.0'	Screening			1	0.6' - 1.1' - Silty fine-medium SAND, trace rounded-sub	rounded gravel	SM		110-0.0
3		/ 2.0	1/7/04 @ 1540				0.0 - 1.1 - Only into-modium critis, about founded-gap	rounded graver	I		
				i							
					↓	♦			\downarrow		
					Slightly	Gray	1.1' - 1.4' - Fine-medium SAND		SP		
					Loose	Giay	1.1 - 1.4 - Fille-medium SAND		5P	1	
4				FOR A	Loose					V	
!				EOB @							
				4' bgs							
										•	
				4		ļ					<u> </u>
											1
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				4							<u> </u>
											1
									\$		1
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				1							ĺ
TYPE OF	DRILLING	BIG.	GEOPROBE – Tra	ack- mounted	(rio 2)					Total T	AULO 1
		NIG. ICING BORI		aon- mountou	(4 Bil)			_		Tetra Tecl	I NUS, INC.
		AMPLING:	MACRO-CORE C	Open tube cor	ntinuous sampl	es to 4 feet i	in 2 foot intervals				.)
METHOD			N/A					_		j j	
GROUND								-			ン
OTHER O			Phase I FID= E	3 / PID= B	Flag number	512	Former Landfill area – field next to mini golf course	BORING NO.: 55	9	PAGE:	OF 1

BORING L	OG FOR:		Raymark OU9 RIA	/FS				BORING NO .:		560		
PROJECT			N1369					START DATE:		1/7/04		
LOGGED	BY:		K. Jalkut				TRANSCRIBED BY: RAC	COMPLETION: [DATE:	1/7/04		
DRILLED I			Aquifer Drilling &	Testing/S. I	Przybylski			MON. WELL NO	.:	N/A		
GRD. SUF	RFACE ELE	VATION:					ELEVATION FROM:	CHECKED BY:		JL		
	51 0140	SAMP	SAMPLING	DEPTH	SOIL		THE PARTY OF THE P	100/2		agreement.		
DEPTH	BLOWS PER	REC.	TIME	MAT'L	DENSITY/		MATERIAL		USCS	(moisture condition;	SCRE	
(FEET)	6"	1	&	CHG./	CONSIS.		CLASSIFICATION		or	odors; geological		TA
		SAMP	SAMPLE NO.	WELL	or ROCK	CLR			ROCK BRKN	classification; rock		10D =
0	NA	LENG.	(QA/QC STATUS)	PROF'L	HARD.		Golf Course			weathering; etc.)		PPM)]
			SBP-SO-560-0002	1	Dense	Red - Brown	SAND, some silt, trace gravel. Fine-medium sand, poorly subrounded to ½", organic roots	y graded, fine gravel	SM/Fill	Grass/root plug =	FID	PID
		1.8'	Screening	1		DIOWII	subroditided to 72 , organic roots			approximately 2"	0,0	NR
		/ 2'	-	1					I	P.		
1			1/7/04 @ 1545	4							3	
				1	Loose	Tan-Gray	SAND. Fine-medium sand, poorly graded, seashells		SP/Fill		0.0	NR
									_ 1		0.0	INIX
										li .		
2				1								
			SBP-SO-560-0204	1			SAND. Fine-medium sand, poorly graded, seashells			9		
		2' /	Companing	1	▼						0,0	NR
		/ 2'	Screening	1		Dark	Silty SAND, trace gravel, organic roots/reeds. Fine-medi	um sand poorty		1		
3		,	1/7/04 @ 1550	1	Dense	Brown	graded, fine gravel subrounded to 1/2"	am same, poorty	SM/Fill		0.0	NR
				1	1							
						↓						
				1		Dark	SAND, organic roots. Fine to coarse sand, well graded, y	wood chunks and	SP/Fill	1	10	<u> </u>
4		=		1	↓ ↓	Gray	roots	rood chanks prid	J1 /1 /III		0.0	NR
<u> </u>				EOB @	<u> </u>						-	
			11	4' bgs			EOB @ 4' bgs – Backfill with bentonite chips (4'-1') and to	annail (4) 0"				
			All I	-		_	LOD (@ 4 bgs - backin with believing chips (4-1) and to	opson (1-0)		-	1	
				1								
				4		_					-	
			[]	1								
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						Vicinity (
T/DE 05	NDII 1 1110 -	10.	OFORDORE 11	4 Mail-	777					·	-	
TYPE OF			GEOPROBE - 4 X G: DIRECT- PUSH	4 Mule				Note:		Tetra Tech	ı NUS, I	nc.
		CING BORIN	MACRO-CORE O	non tubo con	tinuous serre	alon to 4' in 1	2/ intervals	- "A" PID not functioni	ng			
	OF SOIL SA		N/A	pen tupe con	iunuous samp	JICS IO 4 IN 2	Z IIII, EI YAIS	FID = A	-		-	
	OF ROCK C WATER LE\		IVA					_ NR = No reading		•	رسه	
OTHER O			Phase I Flag Nu	ımber 620	Former	Landfill Area	a	BORING NO 56	0	PACE:		

PROJECT	NO.:	₹:	Raymark OU9 F N1369	RI/FS				BORING NO.: START DATE:		561 1/7/04	
LOGGED			J. Lambert				TRANSCRIBED BY:DH	COMPLETION: I		1/7/04	
		pany/Driller		& Testing/ R	lob Ullmann		El El ATION EDOL	MON, WELL NO).:	N/A	
GRD. SUF	RFACE E	LEVATION:					ELEVATION FROM:	CHECKED BY:		_JD	
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION 0' - 0.2' - Grass/roots		USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD =
		1.6'	SBP-SO-561-0002 Screening	11101 2	Slightly Loose	Brown	0.2' - 1.2' - Silty fine-medium SAND, asphalt piece		SM/Fill	Moist	[FID, (PPM)] PID=0.0 FID=0.0
1		2.0'	1/7/04 @ 1555		Slightly Dense	Dark Red	1.2' - 1.5' - Fine-medium SAND, some silt, trace subangu subrounded gravel	lar -	SP		
					<u> </u>	<u></u>					
2			ODD 00 504 0004		Slightly Loose	Gray	1.5' - 1.6' - Fine-medium SAND		<u> </u>		
		1.7'	SBP-SO-561-0204 Screening			Orange	0' - 1.1' - Similar to above, piece of fabric 1.1' - 1.2' - Fine SAND		SP/Fill		PID=0.0 FID=92.2
3		/ 2.0	1/7/04 @ 1600			Black	1.2' - 1.5' - Silty fine-medium SAND, trace wood		▼ SM/Fill		
						Dark	1.5' - 1.7' - Fine-medium SAND, some silt, some glass		SP/Fill		
4				EOB @	→	Gray	The modality was, some sit, some glass			V	
				4' bgs							
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	OF ADVA	NCING BOR	**** · · · · · · · · · · · · · · · · ·			les to 4 fact				Tetra Tech	NUS, Inc.
	OF ROCK	SAMPLING: CORING: EVELS:	MACRO-CORE N/A	Open (ube co	munuous samp	nes to 4 leet	III 2 TOOLIITEIVAIS				
OTHER O			Phase I FID=	B PID=	B Flag	number 603	Former Landfill area – field next to mini golf course E	ORING NO.: 56	11	PAGE:	OF 1

PRO LOG	ING LOG FOR JECT NO.: GED BY: LED BY (Com		Raymark OU9 R N1369 K. Jalkut Aquifer Drilling a		A. Sarro		TRANSCRIBED BY: RAC CO	RING NO.: ART DATE: MPLETION: D		561A 1/26/04 1/27/04 N/A	
). SURFACE E							ECKED BY:	•	JL	
	PTH BLOWS ET) PER 6"	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION	RO	CS or OCK RKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		2.0'	SBP-SO-561A-0002 Full Suite less dioxin and SPLP – LAB QC 1/26/04 @ 1530				Refer to Boring Log Number 561 for soil profile descriptions from	m 0' – 4'		Grass/root plug = approximately 3" No visible PACM/waste Frozen sections collected VOCs at 1.5' (0.8 ppm) No visible geomembrane	FID = 0.7 PID = 0 FID = 0.8 PID = 0
2		-								No Visible gesinemblane	FID = 0.8 PID = 0 FID = 0.7 PID = 0
		2.0'	SBP-SO-561A-0204 Full Suite less dioxin and SPLP 1/26/04 @ 1600							No visible PACM/waste Damp No visible geomembrane	FID = 4,1 PID = 0
seves						-					FID = 2.3 PID = 0 FID = 89
4		1.9'	SBP-SO-561A-0406 Full Suite less dioxin and SPLP 1/27/04 @ 0830		Dense	Brown	SAND, trace silt, trace gravel. Fine-medium sand, trace coarse poorly graded, fine gravel to ¼", subrounded coarse gravel to 1 subrounded (1 piece), seashells, dry roots		P/Fill	Damp at 4' No visible PACM/waste No visible geomembrane	PID = 0 FID = 5.4 PID = 0
2 sleeves = 4'		-			Loose Dense Loose	Red- Brown White Brown Black	- Silty SAND, trace gravel, fine-medium sand poorly graded, fin to ½" subrounded, roots - FILL - Trap rock layer, coarse gravel fragments to 1 ½" - Silty SAND similar to above - FILL, burned wood chunks, plastic, glass, metal, organics	F	VFill Fill SM Fill	Damp	FID = 575 PID = 0 FID = 274 PID = 0
		1.0'	SBP-SO-561A-0608			Brown	SAND, some silt, trace gravel, fine-medium sand, trace poorly g coarse gravel subrounded to 1"		A/Fill	Poor recovery	FID = 583 PID = 0
4		2.0'	1/27/04 @ 0900			Black	Similar to above with charred wood, glass, metal debris		,	Damp	FID = 236 PID = 0
eeves =		-		EOB @	\square					Material saturated at 7.5', petroleum like odor	
8 8				8' bgs	<u> </u>	<u></u>	EOB @ 8' bgs Backfill with Bentonite chips (8' 1') and topsoil	il (1' – 0')	<u>+</u>	V.	<u> </u>
TYPE OF DRILLING RIG: METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: MACro-Core Open tube. Continuous sampling in 2' intervals N/A Approximately 7.7' bgs (Driller reported H₂0 at approximately 7.7')							Full Suite = SVOC. Pesticides/Pi	sing FID D until CBs, metals, did	renlaci	Tetra Tech	NUS, Inc.

OTHER OBSERVATIONS:

Phase II - Former Landfill Area - Flag number 603

PAGE:

BORING NO.: 561A

PROJECT	NO.:		N1369					START DATE:		1/7/04			
LOGGED			K. Jalkut				TRANSCRIBED BY: RAC	COMPLETION: D	DATE:	1/7/04			
		any/Driller):	Aquifer Drilling &	Testing/S. I	Przybylski			MON. WELL NO.	<i>::</i>	N/A			
GRD. SU	RFACE ELE	EVATION:					ELEVATION FROM:	CHECKED BY:		JL			
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	DE VSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION Golf Course		USCS or ROCK BRKN	ciassificat weatheri	condition; S eological tion; rock	FIEI SCREE DA' METH [FID, (F	NING TA OD =
			SBP-SO-562-0002		Loose	Tan-	SAND, trace gravel. Fine-medium sand, poorly graded,	fine gravel	SP/Fill		lug =	FID	PID
1		1.7' 2'	Screening 1/7/04 @ 1600		Dense	Gray Black	subrounded to ½", seashells, organic roots Silty SAND, some gravel, organic roots. Fine-medium seand, fine to coarse subrounded – subangular gravel to 3		SM/Fill	approximate	<u>-</u>	0.0 97	NR NR
										Damp	_	68	NR
2							↓						
			SBP-SO-562-0204 Screening			+	Silty SAND, some gravel, organic roots - Similar to above, with wood chunk		+	Damp		70	NR
3			1/7/04 @ 1605		Ш	Gray - Brown	SAND, trace gravel, trace silt. Fine-medium sand, poorly subrounded to ½", seashells, organic roots	y graded, fine gravel	SP/Fill				
									ļ	_	_	187	NR
4				l .	↓	\	1		₩				
				EOB @ 4' bgs			EOB @ 4' bgs – Backfill with bentonite chips (4'-1') and	topsoil (1'-0')			-		
,					<u>. </u>								
				1					*				
					<u> </u>					_			
]						
METHOD METHOD	YPE OF DRILLING RIG: METHOD OF ADVANCING BORING: DIRECT- PUSH METHOD OF SOIL SAMPLING: MACRO-CORE Open tube continuous samples to 4 N/A				les to 4' in	ı 2' intervals	Note: "A" PID not functioni FID = A NR = No reading	ing		Tetra Tech N	US, In	C.	
GROUND	WATER LEV BSERVATIO	VELS:		mber 551	Former I	andfill Ar	ea	BORING NO.: 56	2		PAGE: 1	リ OF	1
												· ·	

562

BORING LOG FOR:

Raymark OU9 RI/FS

BORING I	OG FOR:		Raymark OU9 F	RI/FS				BORING NO.:		563	
PROJECT	NO.:		N1369					START DATE:		1/7/04	
LOGGED	BY:		J. Lambert				TRANSCRIBED BY: DH	COMPLETION: DA	TÉ:	1/7/04	
DRILLED	BY (Comp	any/Driller):	: Aquifer Drilling 8	& Testing/ Ro	ob Ullmann			MON. WELL NO.:		N/A	
GRD. SUF	RFACE EL	EVATION:					ELEVATION FROM:	CHECKED BY:		JD	
	la cuia	CAND	04487.00	6	£222 000 0000 0000 0000 0000	(4	The second secon	······		
DEPTH	BLOWS PER	SAMP REC.	SAMPLING TIME	DEPTH	SOIL			1	JSCS	REMARKS	FIELD
(FEET)	6"	1	&	MAT'L ÇHG./	DENSITY/ CONSIS.		MATERIAL CLASSIFICATION		or	(moisture condition; odors; geological	SCREENING
		SAMP	SAMPLE NO.	WELL	or ROCK	CLR	OLASSII ISATISN		ROCK	classification; rock	DATA METHOD =
0	N/A	LENG.	(QA/QC STATUS)	PROF'L	HARD.		0' - 0.2' - Grass/roots		BRKN	weathering; etc.)	[FID, (PPM)]
			SBP-SO-563-0002		Slightly	Brown	0.2' - 0.7' - Silty fine SAND, trace coarse sand		SM	Moist (frozen)	PID=0.0
		1.6'	Screening		Dense		1.		1 1		FID=0.0
		2.0'	Screening			Dark	0.7' - 1.5' - Silty fine-medium SAND, trace coarse sand		<u> </u>		
1		′	1/7/04 @ 1615			Red					
				7							
					▼	\ \	∀		*		i i
				1	Slightly	Gray	1.5' - 1.6' - Fine-medium SAND		SP		
2					Loose	1					
			SBP-SO-563-0204	1			0' - 1.1' - Similar to above				PID=0.0
		1.5'							₩		FID=0.0
		2.0'	Screening			Black	1.1' - 1.5' - Silty fine-medium SAND, trace wood fragmen	ts S	M/Fill		115 0.0
3			1/7/04 @ 1620			1]]	1		
				1							<u> </u>
	 					 					
4					l L	l l			↓		
		:		EOB @	V	▼			<u> </u>		
				4' bgs							
				- Dys							
<u> </u>	1			4							
	<u> </u>			}		ľ					1
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	 			4						<u></u>	
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<u> </u>	<u> </u>										
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	[_							<u></u>
	<u> </u>										
TYPE OF	DRILLING	RIG:	GEOPROBE – Tr	rack- mounter	(rig 2)					F-7:: = 7	100
		KIG. KCING BORI		aon- mounted	· (** &*/					Tetra Tech	NUS, Inc.
1		AMPLING:	MACRO-CORE (Open tube cor	ntinuous sampl	es to 4 feet	in 2 foot intervals				
METHOD			N/A								
GROUND											
OTHER O			Phase I FID= I	B PID=	B Flag	number (525 Former Landfill area – field next to mini golf	BORING NO.: 563		PAGE: 1	OF 1

BORING L PROJECT LOGGED DRILLED GRD. SUF	NO.: BY: BY (Compa	any/Driller): EVATION:	Raymark OU9 RI/ N1369 K. Jalkut Aquifer Drilling &		Przybylski		BORING NO.: 564 START DATE: 1/7/04 TRANSCRIBED BY: RAC COMPLETION: DATE: 1/7/04 MON. WELL NO.: N/A ELEVATION FROM: CHECKED BY: JL	
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	CLASSIFICATION Golf Course CLASSIFICATION ROCK BRKN Golf Course Classification; rock weathering; etc.) [F	FIELD CREENING DATA IETHOD = ID, (PPM)]
		1.8' 2'	SBP-SO-564-0002 Screening and Confirmation		Dense	Red - Brown	SAND, some silt, trace gravel. Fine-medium sand, poorly graded, fine gravel subrounded to ½", organic roots SP/Fill Grass/root plug = approximately 3" Frozen soil Frozen soil	ID PID .0 NR .0
1	·,·-		1/7/04 @ 1610		Loose Dense	Tan-Gray Black	SAND. Fine-medium sand, poorly graded, seashells Silty SAND, some gravel. Fine-medium sand, trace coarse sand poorly graded, fine gravel subrounded to ½", organic reeds, roots, wood Damp	3.7
2			SBP-SO-564-0204			Red - Gray	SAND, some silt. Fine-medium sand, poorly graded, organic roots Frozen soil	
3		1.2' 2'	Screening 1/7/04 @ 1615		Loose	Black	Silty SAND, some gravel. Fine-medium sand, poorly graded, fine gravel subrounded to ½", crushed rock fragments (3")	3.2
					Dense	Gray	SAND, organic material. Fine-medium poorly graded sand, wood chunk	3
4				EOB @	_	<u> </u>	EOB @ 4' bgs Backfill with bentonite chips (4'-1') and topsoil (1'-0')	37 ₩
							200 grange Buokin min semonic drips (4-1) and opson (1-0)	
,								
							\$	
TYPE OF METHOD METHOD METHOD GROUND	OF ADVAN OF SOIL SA OF ROCK (CING BORIN MPLING: ORING:	GEOPROBE – 4 X G: DIRECT- PUSH MACRO-CORE OF N/A		tinuous sample	es to 4' in 2' in	Note: PID A not working NR = No reading Tetra Tech NU The state of the state of	S, Inc.
OTHER O	BSERVATIO	ONS:	Phase I Flag Nu	mber 529	Forme	er Landfill Area	17.0C.	OF 1 S Form 0018

BORING LOG FOR: Raymark OU9 RI/FS								BORING NO.:		_565	
PROJECT	NO.:		N1369					START DATE:		1/7/04	
LOGGED	BY:		J. Lambert				TRANSCRIBED BY:DH	COMPLETION:	DATE:	1/7/04	
DRILLED	BY (Com	pany/Driller)): Aquifer Drilling	& Testing/ R	ob Ullmann			MON. WELL NO).:	N/A	
GRD. SUF	RFACE E	LEVATION:	<u> </u>				ELEVATION FROM:	CHECKED BY:		JD	
						Service of the service of the service of) E	<u> </u>		The second secon	
DEPTH	BLOWS PER	SAMP REC	SAMPLING TIME	DEPTH	SOIL				uscs	REMARKS	FIELD
(FEET)	6*	REG.	. &	MAT'L CHG./	DENSITY/		MATERIAL		or	(moisture condition;	SCREENING
(,,		SAMP	SAMPLE NO.	WELL	CONSIS.	CLR	CLASSIFICATION		ROCK	odors; geological classification; rock	DATA <i>METHOD</i> =
0	N/A	LENG.	(QA/QC STATUS)	PROF'L	HARD:	OL.	0' - 0.2' - Grass/roots		BRKN	weathering; etc.)	[FID, (PPM)]
			\$BP-\$O-565-0002		*	Brown	0.2' - 0.8' - Fine-medium SAND, some silt		SP	moduloling, co.)	PID=0.0
		1.7'		1	. *		1				FID=0.0
		2.0'	Screening	1		Gray	0.8' - 1.3' - Fine-coarse SAND, trace gravel, trace silt		sw		110 0.0
1		, 2.0	1/7/04 @ 1635	ŀ		ı Çiüş	1 0.0 - 1.0 - 1 inc-codisc of the first graves, trace sit		3,1		
 			177,04 (6) 1033	+							
				-		↓					
ļ				1							
						Dark	1.3' - 1.7' - Silty fine-medium SAND		SM		
2						Red					
			SBP-SO-565-0204			Gray	0' - 0.4' - Fine-medium SAND		SP		PID=0.0
		1.1'	Screening	1							FID=0.0
		2.0'	Screening			Dark	0.4' - 0.7' - Fine-coarse SAND, trace silt		SW		
3			1/7/04 @ 1640	1		Gray			1 1		
				1							
1									₩		
									-		
				i		↓	0.7' - 1.1' - Fine SAND, some medium sand		SP		
4							0.7 - 1.1 - Fine SAND, some medium sand		5P	<u>. </u>	
				EOB @							
				4' bgs							
	ĺ			j						_	
				1							
				1							
	- · ·										
	 						· ·		\$		
				-							
L											
				<u> </u>							
TYPE OF	DBILLING	PIC:	GEOPROBE – T	rack- mounte	d (rig 2)						
		NCING BOR		reck- Hourite	4 (19 £)			- Nata		Tetra Tech	NUS, Inc.
		NCING BOR SAMPLING:		Open tube co	ntinuoue eama	les to 4 fee	t in 2 foot intervals	Note: * Soil frozen- impos	eible to date	rmino	
1		CORING:	N/A	Open tube co	manuous samp	103 10 4 188	t iii 2 TOOL III(GI YOLO	relative density and	moisture	imine	 -
1			NO							· •	
GROUND			Phase I FID=	B PID=	D Elac	number 5	60 Former Landfill area field next to mini celf course	PODING NO : 50	`E		_
OTHER O	DOEKVA	IONS:	Fliase I FID=	בנוט=	D Flag	griumber 5	60 Former Landfill area – field next to mini golf course	BORING NO.: 56	35	PAGE: 1	OF 1
										111	IUS Form 0018

PROJECT			N1369	14-5				START DATE:		566 1/7/0	<u> </u>			_
LOGGED			K. Jalkut				TRANSCRIBED BY: RAC	COMPLETION:	DATE:	1/7/0				
DRILLED	BY (Compa	any/Driller):	Aquifer Drilling &	Testing/S. f	Przybylski			MON. WELL NO		N/A	<u> </u>			_
	RFACE ELE						ELEVATION FROM:	CHECKED BY:		JL				_
		SAMP	SAMPLING	DEPTH	SOIL			WWW.0000.00.000.0000.0000.0000.0000.00	· · · · · · · · · · · · · · · · · · ·	-		-		_
DEPTH	BLOWS PER	REC.	TIME	MATL	DENSITY/		MATERIAL		USCS		REMARKS sture condition;	SCRE	ELD ENIN	ıc
(FEET)	6"	/	&	CHG./	CONSIS.		CLASSIFICATION		or ROCK		rs; geological		TA	Ü
0	NA.	SAMP LENG.	SAMPLE NO. (QA/QC STATUS)	WELL	or ROCK	CLR	0.150		BRKN	class	sification; rock	METH		
<u> </u>	1100	ELITO.	SBP-SO-566-0002	PROF'L	HARD. Dense	Brown	Golf Course SAND, some silt. Fine-medium sand, poorly graded, org				athering; etc.)	[FID, (
		1.8'	3BF-3O-300-0002		Delise	Gray	styrofoam, seasells	anic roots,	SM/Fill		oot plug = mately 3"	FID	PIE	
		1.0	Screening			Tan - Gray	SAND. Fine-medium sand, poorly.graded, seashells		ODJE'N	-	natory o	0.0	NR	<u>-</u>
1		/ 2	1/7/04 @ 1625			Tall - Glay	SAND. Fine-medium sand, poony.graded, seasilens		SP/Fill	Frozen	soil	0.0		
'				1		Black	One 1" interval of silty sand with organic fibers, fine-medi	um eand noorly	SM/Fill			<u> </u>	₩	
1						Diack	graded, black	um sand, poony	SWITH			0.0		
						Tan-Gray	SAND. Fine-medium sand, poorly graded, seashells		SP/Fill	1 1			╁	_
2						12.7 4.2,	Sinter This modular carra, poorly gradou, ocasions		1					
			SBP-SO-566-0204	1	\vdash		SAND. Fine-medium sand, poorly graded, organic roots/	reeds plastic				+	$\vdash \vdash$	
	-	1.8'					, , , , , , , , , , , , , , , , , , , ,	, , , , , , , , , , , , , , , , , , , ,	₩			0.0		
		2'	Screening			Black	One 2" interval of silty sand with organic reeds, black		SM/Fill	1			\vdash	_
3		'	1/7/04 @ 1630			Tan-Gray	SAND. Fine-medium sand, poorly graded, organic roots,	reeds, plastic	SP/Fill					
				1			Silty SAND, organics. Fine-medium sand, poorly graded	, red plastic	SM/Fill			 	\vdash	
							pieces, organic roots/reeds	-		1		0.0	H	
							SAND. Fine-medium poorly graded, seashells		SP/Fill	1 👃			\Box	
4					▼	\ \						0.0	▼	
				EOB @										_
				4' bgs	<u> </u>		EOB @ 4' bgs - Backfill with bentonite chips (4'-1') and t	opsoil (1'-0')					l	
				4										
													1	
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				4		-							<u> </u>	
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1	DRILLING F		GEOPROBE - 4 X	4 Mule				Notes:			Tetra Tech	NUS, I	nc.	
		CING BORIN		nen fuhe con	tinuous comple	ee to A' in 2' in	ntervals	PID = A (not working	na)					
	METHOD OF SOIL SAMPLING: MACRO-CORE Open tube continuous samples to 4' METHOD OF ROCK CORING: N/A					COLUMNIZ II	ilei vaio	FID = A (not workir	·9)		Į T			
	WATER LE		1117.5				-	NR = No reading						
	BSERVATION		Phase I Flag Nu	mber 577	Forme	er Landfill Area	а Е	BORING NO.: 5	66		PAGE:	OF		1
														

PROJECT	T NO.:		N1369				-	START DATE:		1/7/04	
LOGGED			J. Lambert				TRANSCRIBED BY: DH	COMPLETION: D	DATE:	1/7/04	
DRILLED	BY (Com	pany/Driller): Aquifer Drilling	& Testing/ R	Rob Ullmann		<u>.</u>	MON. WELL NO.		N/A	
GRD. SU	RFACE E	LEVATION:					ELEVATION FROM:	CHECKED BY:	_	JD	
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP	SAMPLING TIME & SAMPLE NO.	DEPTH MAT'L CHG./	SOIL DENSITY/ CONSIS.	015	MATERIAL CLASSIFICATION		USCS or ROCK	REMARKS (moisture condition; odors; geological	FIELD SCREENING DATA
0	N/A	LENG.	(QA/QC STATUS)	WELL PROF'L	or ROCK HARD	CLR	0 - 0.2' - Grass/roots		BRKN	classification; rock	METHOD =
		,	SBP-SO-567-0002	111012	*	Brown			sw	weathering; etc.)	[FID, (PPM)] PID=0.0
		1.6'				l I			ï		FID=0.0
1		2.0'	Screening 1/7/04 @ 1655			1					
				1		Dark Red	1.1' - 1.6' - Fine-medium SAND, trace silt, trace sub	angular gravel	SP		
-					<u> </u>					,	
2				_							
		1.6'	SBP-SO-567-0204			Gray	0' - 0.1' - Similar material to above 0.1' - 0.4' - Fine-medium SAND	1	+		PID=0.0 FID=0.0
3		2.0'	Screening 1/7/04 @ 1700			Dark Gray	0.4' - 0.8' - Fine-coarse SAND, trace glass	ĺ	SW/Fill		
<u> </u>	 			1		Black	0.8' - 1.1' - Silty fine-medium SAND, some glass, pie	ece of ceramic	SM/Fill		
1	-					1	1.1' - 1.6' - Silty fine SAND	BOC OF GETAINING	SM		
	†						1		1		
4							1	·	- ↓		
				EOB @							
				4' bgs							
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TYPE OF	DRILLING	RIG:	GEOPROBE - T	rack- mounte	d (ria 2)					T-4 T	MUD !
1		NCING BOR		THE THE STREET	- v·3 -/			Note:		Tetra Tech	NUS, Inc.
METHOD OF SOIL SAMPLING: MACRO-CORE Open tube continuous samples to 4 feet						les to 4 fe	et in 2 foot intervals	* = Soil is frozen; im			. .)
1		CORING:	N/A					determine relativ moisture	e density and		
	WATER L										
OTHER C	BSERVA	TIONS:	Phase FID=	B PID=	B Flag nur	mber 58	Promer Landfill area – field next to mini golf course	BORING NO.: 56	7	PAGE: 1	OF 1

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Raymark OU9 RI/FS

BORING LOG FOR:

PROJECT NO.: N1369 LOGGED BY: K. Jalkut DRILLED BY (Company/Driller): Aquifer Drilling & Testing/S. Przybylski							TRANSCRIBED BY: RAC	START DATE: COMPLETION: I MON. WELL NO		1/7/04 1/7/04 N/A			
	RFACE ELI		Aquiler Drining &	resurg/o. i	izybyiski		ELEVATION FROM:	CHECKED BY:		JL			
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION Golf Course		USCS or ROCK BRKN	(moist odor: classi	EMARKS ure condition; s; geological fication; rock hering; etc.)	SCRE DA META	ELD ENING ATA HOD = (PPM)]
		2'	SBP-SO-568-0002 Screening		Dense	Brown	Silty SAND. Fine-medium sand, poorly graded, organic	roots, seashells	SM/Fill	Grass/roo approxim Frozen so	ot plug = ately 3"	FID NR *	PID NR *
1		/ 2'	1/7/04 @ 1640			Tan - Gray	SAND. Fine-medium sand, poorly graded, seashells		SP/Fill				igg
													igwdapper
2			SBP-SO-568-0204	1									
		2' / 2'	Screening			₩ Black Tan-Gray	One 1" silty sand interval with organics, plastic pieces		V SM/Fill				\vdash
3			1/7/04 @ 1645	1		Tall-Glay	SAND. Fine-medium sand, poorly graded, seashells		SP/Fill			 	\vdash
4					\	Brown	Silty SAND, some organics. Fine-medium sand, trace or poorly graded, wood chunk	oarse sand,	SM/Fill	↓		🗼	+
				EOB @ 4' bgs			EOB @ 4' bgs Backfill with bentonite chips (4'-1') and	topsoil (1'-0')					
				-								-	ļ
	<u> </u>								1111				
					,				,				
				-									
-				!								-	
	DRILLING OF ADVAN	RIG:						Note:			Tetra Teci	NUS, I	Inc.
METHOD	OF SOIL S OF ROCK WATER LE	CORING:	MACRO-CORE O	pen tube cor	itinuous sampl	es to 4' in 2' ir		* = PID and FID no NR = No reading	t working -	too cold	T	t	
	BSERVATI		Phase Flag Nu	ımber 599	For	mer Landfill a	rea	BORING NO.: 56	8		PAGE:	1 OF	1

Raymark OU9 RI/FS

BORING LOG FOR:

BORING I	LOG FOR		Raymark OU9 R	N/FS				BORING NO.:		569	
PROJECT	ΓNO.:		N1369					START DATE:		1/8/04	
LOGGED			J. Lambert			•	TRANSCRIBED BY: DH	COMPLETION:	DATE:	1/8/04	
		oany/Driller):	Aquifer Drilling &	& Testing/ Ro	b Uilmann		· · · · · · · · · · · · · · · · · · ·	MON. WELL N		N/A	
GRD. SUI	RFACE EL	EVATION:					ELEVATION FROM:	CHECKED BY:		JD	
F	,					,,		MANY TO SEE STORY OF SERVICE SERVICES AND AND AND AND AND AND AND AND AND AND			
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION 0' - 0.2' - Grass/roots		USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		1.6'	SBP-SO-569-0002		Dense *	Brown	0.2' - 0.8' - Silty fine SAND, trace organics (roots)		SM	Damp	PID=0.5 FID=0.0
1		2.0'	Screening 1/8/04 @ 0900			\					-
						Light Brown	0.8' - 1.6' - Fine-coarse SAND, trace gravel (angular-s	subangular)	sw		
2						+			1		
		1.9'	SBP-SO-569-0204 Screening and			Brown	0' - 0.4' - Silty fine SAND		SM		PID=0.0 FID=0.0
3		2.0'	confirmation 1/8/04 @ 0905			Dark Red	0.4' - 1.0' - Silty fine-medium SAND, trace gravel (rou subangular)	ınded –			
						Brown Gray	1.0' - 1.2' - Fine-medium SAND, some silt 1.2' - 1.3' - Fine-medium SAND, trace shells		SP		
4					\ \ \	Dark Brown	1.3' - 1.9' - Silty fine SAND, fibers (PACM) throughout	t – possible waste	Fill		
				EOB @ 4' bgs							
				1 1							
,											
									\$		
					L			·····			
TYPE OF	DRILLING	RIG:	GEOPROBE – Tr	ack- mounted	l (rig 2)			Notes:		Tetra Tec	h NUS. Inc.
METHOD OF ADVANCING BORING: DIRECT- PUSH							notes. PACM = Potential as	bestos cont	l.		
METHOD	METHOD OF SOIL SAMPLING: MACRO-CORE Open tube continuous samples to 4 feet				les to 4 feet in		material			-	
METHOD	METHOD OF ROCK CORING: N/A						 Soil partially froze determine soil der 	n- unable to	· []	L	
GROUND	ROUNDWATER LEVELS:						,	<u> </u>			
OTHER C	BSERVAT	IONS:	Phase I FID= I	B PID=	B Flag	number 445	Former Landfill area – field near mini golf course	BORING NO.: 5	69	PAGE:	1 OF 1

	BORING L	OG FOR	:	Raymark OU9	RI/FS			BORING NO.:			569A	
	PROJECT	NO.:		N1369				START DATE:			1/27/04	
	LOGGED	BY:		K. Jalkut				TRANSCRIBED BY: RAC COMPLETION	: DATE:	_	1/27/04	
	DRILLED I	BY (Comp	oany/Driller): Aquifer Drilling	and Testi	ng/M. Sarro		MON. WELL N	0.:	_	N/A	
	GRD. SUF	RFACE EL	EVATION					ELEVATION FROM: CHECKED BY		_	JL	
1								William Commence of the Commen	_	_		
	DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION	R	OCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
o				SBP-SO-569A-0002				Refer to Boring Log number 569 for soil profile descriptions from 0' - 4' bgs		- 1	Grass/root plug =	FID = 0
3 sleeves =			2.0'	Full Suite less dioxin and SPLP 1/27/04 @ 1335							approximately 3" No visible PACM/waste or geomembrane	PID = 0
	2		2.0'	SBP-SO-569A-0204 Full Suite							Visible PACM/waste at approximately 2.7' – 3.4' No visible geomembrane Level C = 1415 - 1425	FID = 9.5 PID = 0
ò			, 2.0	1/27/04 @ 1400								FID = 44 PID = 0
3 sleeves =	4										Damp	FID = 286 PID = 0 FID = 385 PID = 0
			2.0'	SBP-SO-569A-0406 Full Suite less dioxin	ĺ	Dense	Dark Brown	WASTE, compressed material with long shiny fibers, possible pads, stippled texture		Fill/ Vaste	Damp Visible PACM/waste at	FID = 4.9 PID = 0
			2.0'	and SPLP 1/27/04 @ 1430		Loose	Tan Gray	SAND, fine-medium sand, poorly graded	s	P/Fill	approximately 4' – 4.5' Level C	FID = 15.6 PID = 0
/es = 4'						Dense	Brown	SILT, some sand. Fine-medium sand, poorly graded, trace gravel, fine gravel to 1/4"		M/Fill	Damp Upgraded to Level C 1500 - 1510	
2 slee	6					Loose	Dark Brown	Silty SAND, some gravel. Fine-medium sand, trace coarse sand, poorly graded, fin coarse subangular –subrounded gravel ½" to 1 ½", netting, rock fragments, brick pie	ces			FID = 0 PID = 0
	4.		2.0'	SBP-SO-569A-0608 Full Suite less dioxin			Dark Brown	Silty SAND, some gravel. Fine-medium poorly graded sand, fine to coarse subround gravel to 1"	led		Damp	FID = 644 PID = 0
			2.0'	and SPLP 1/27/04 @ 1515			Tan Black	Silty fine SAND, poorly graded SAND, some silt, fine-medium sand, some coarse sand, some gravel, poorly graded	ed, S	P/Fill		FID =1500 PID = 3.6
3Ves = 4	:					Dense		fine and coarse subrounded to subangular gravel to 1" - Silty SAND, some gravel. Fine-medium sand, poorly graded, fine and coarse subrounded to subangular gravel to 1 1/2", nail, metal, asphalt, plastic	s	M/Fill	Damp	
2 sle	8			,	EOB @ 8' bgs		<u> </u>	EOB @ 8' bgs – Backfill with Bentonite chips (8' – 1') and topsoil (1' – 0')				FID = 2055 PID = 0.8
Ī	TYPE OF I	DRILLING	RIG.	GEOPROBE -	1 T 54			Note:			Total T	
ł			NCING BOR					PACM = Potential asbe	stos cont	taining	Tetra Tech N	VUS, Inc.
į	METHOD			Macro-Core Op		ntinuous sam	pling in 2'	intervals material		_)
į	METHOD			N/A				Full Suite = SVOCs, Permetals, diox				<u>-</u> 1
	GROUND				7.8' bgs (dril	ler reports H ₂	0 in boref	oole at approximately 7.8' bgs) PCBs, asbe				ン

Flag number 445

Phase II - Former Landfill Area - Recreational Field

OTHER OBSERVATIONS:

1 OF

PAGE:

BORING NO.: 569A

BORING L PROJECT LOGGED E DRILLED E GRD. SUR	NO.: BY: BY (Compa		Raymark OU9 Rt. N1369 K. Jalkut Aquifer Drilling &		² rzybylski		TRANSCRIBED BY: RAC ELEVATION FROM:	BORING NO.: START DATE: COMPLETION: DATE: MON. WELL NO.: CHECKED BY:	570 1/17/0 1/17/0 N/A JL			
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION Golf Course	USC or ROC BRK	K (mois K odoi N class wea	EMARKS ture condition; s; geological ification; rock thering; etc.)	SCREI DA <i>METH</i> [FID, (LD ENING TA HOD = PPM)]
		1.5' 2'	SBP-SO-570-0002 Screening		Loose	Brown - Tan	SAND, trace silt, trace gravel. Fine-medium sand, fine g subrounded to ½", plastic, one piece of coarse gravel to		approxin		9.0	7.7
1		===	1/17/04 @ 0850	1								
2			SBP-SO-570-0204	-		-	Similar to above, with glass shards to ½" length					0.0
3		1.7'	Screening 1/17/04 @ 0855			Orange - Brown	Silty SAND, trace gravel. Fine to coarse sand, well grad layers. Coarse gravel to 1*, glass, plastic, crushed rock				0.0	0.0
4				L.	 	Gray	SAND, some silt, fine-medium sand, poorly graded	*	Wet at 4		0.6	0.0
				EOB @ 4' bgs			EOB @ 4' bgs – Backfill with bentonite chips (4'-1') and	topsoil (1'-0')				
									-			
				1								
METHOD: METHOD:	OF SOIL SA OF ROCK O WATER LE	CING BORIN AMPLING: CORING: VELS:	GEOPROBE - 4 X DIRECT- PUSH MACRO-CORE O N/A Phase I Flag No	pen tube con		es to 4' in 2'	ntervals	Note: PID = A FID = A (failed calibration BORING NO.: 570	check)	Tetra Tech	t	nc.

BORING I		E	Raymark OU9 F	RI/FS			BORING	NO.:	571	
PROJECT			N1369				START D	ATE:	1/8/04	
LOGGED			J. Lambert				TRANSCRIBED BY: DH COMPLE	TION: DATE:	1/8/04	
	•	pany/Driller		& Testing/ R	lob Ullmann		MON. WE		N/A	
GRD. SUF	RFACE E	LEVATION:					ELEVATION FROM: CHECKE	D BY:	JD	
	BLOWS	SAMP	SAMPLING	- Zazari	220	_		when the second		
DEPTH	PER	REC.	TIME	DEPTH MAT'L	DENSITY/		MATERIAL	uscs	REMARKS	FIELD
(FEET)	6"	1	&	CHG./	CONSIS.		MATERIAL CLASSIFICATION	or	(moisture condition; odors; geological	SCREENING
		SAMP	SAMPLE NO.	WELL	or ROCK	CLR	0B (00) (10) (110) (1	ROCK	classification; rock	DATA METHOD =
0	N/A	LENG.	(QA/QC STATUS)	PROF'L	HARD.		0' - 0.1' - Grass/roots	BRKN	weathering; etc.)	[FID, (PPM)]
		/	SBP-SO-571-0002			Brown	0.1' - 0.6' - Silty fine SAND, trace coarse sand, some organics (roots)	SM		PID=0.6
		1.6'	Corponica		1					FID=0.0
		2.0'	Screening			Red-	0.6' - 1.1' - Silty fine SAND, trace medium-coarse sand, some gravel			
1		/	1/8/04 @ 0930		l	Brown				
										·
					l	Gray	1.1' - 1.6' - Fine-medium SAND	SP		
								- j		
2					l					
			SBP-SO-571-0204		\vdash		Of O.S. Cimitar material to the			
		1.7'	305-30-371-0204		l	Black	0' - 0.5' - Similar material to above			PID=9.5
			Screening			DIACK	0.5' - 0.8' - Silty fine SAND, trace coarse sand	SM		FID=13.4
_		2.0'	. /0/0 4 0 0000		1	[L.,]	<u> </u>			
3			1/8/04 @ 0935			Dark Gray	0.8' - 1.1' - Silty fine-medium SAND, piece of cardboard	SM/Fill		
					l					
						Black	1.1' - 1.7' - Fine-medium SAND, trace silt, piece of plastic at 1.5'	SP/Fill		1
4					Į.	[[∳]				
				EOB @						
				4' bgs						i
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TYPE OF			GEOPROBE Tr	ack-mounted	d (rig 2)		Nat		Tetra Tech	NUS, Inc.
		NCING BOR					Notes:	eficilis français sur		
		SAMPLING:	MACRO-CORE (Open tube co	ntinuous samp	les to 4 feet		rtially frozen; unable ne density. Petrole		.
METHOD			N/A				odor	adming, i choice	· I	L)
GROUND					 					
OTHER O	RSERVAT	IONS:	Phase i Flac	number 494	4 Forme	r Landfill are	a – field near mini golf course ROPING NO	1 571	DACE: 4	05

PROJECT LOGGED			N1369 K. Jalkut				TRANSCRIBED BY: RAC COMPLETIO		≣:	1/17/04 1/17/04			
	, ,	any/Driller):	Aquifer Drilling &	Testing/S. F	rzybylski		MON. WELL			N/A			_
GRD. SUF	RFACE ELE	EVATION:				-	ELEVATION FROM: CHECKED B	Y:		<u>JL</u>			
DEPTH (FEET)	BLOWS PER 6* NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION Golf Course	US6 O RO6 BRI	r CK	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	SCRE	ATA HOD	=
			SBP-SO-572-0002		Loose	Brown	Silty SAND. Fine-medium sand, poorly graded, organic roots	SM/	/Fill	Grass/root plug = approximately 2"	FID	Pi	iD
1		1.9'	Screening 1/17/04 @ 0910		\downarrow	Tan-Gray	SAND, some silt. Fine-medium sand, poorly graded, glass shards		-	Frozen at surface	0.0	NI	R_
					Dense	Black	Silty SAND. Fine-medium sand, poorly graded, charred wood, organic roots, glass shards, crushed rock			Damp			
2						ļ	•			Батр	137		
		1.8'	SBP-SO-572-0204 Screening	1	.	+	Similar to above with organic material	d l	- 4		25		
3		2'	1/17/04 @ 0915		Loose	Gray - Brown	SAND, some silt. Fine-medium sand, poorly graded, organic roots/reeds rubber rings, glass, plastic	,					
										Saturated at 3.5'	708	Ц	<u>_</u>
4					+	\	↓				108	₩	7
				EOB @ 4' bgs			EOB @ 4' bgs Backfill with bentonite chips (4'-1') and topsoil (1'-0')		_				_
				1									
								4_	_			<u></u>	
				-				-	\$ 			_	_
								_				<u> </u>	
		<u> </u>				K		1			<u> </u>		_
METHOD	DRILLING F OF ADVAN OF SOIL SA	CING BORIN	GEOPROBE - 4 X IG: DIRECT- PUSH MACRO-CORE O		tinuous sample	es to 4' in 2' in	Note: PID = A (low bat	tery not	in use	Tetra Tech	NUS, II	nc.	
METHOD GROUND	OF ROCK (WATER LE	CORING: VELS:	N/A				FID = A (failed on NR = No reading	alibratio	n ched	ck)			
OTHER O	DOCDV/ATIO	ONS	Phase I Flag No	imber 552	For	mer landfill ar	ea BORING NO :	572		DAGE: 1	OF		4

572

Raymark OU9 RI/FS

BORING LOG FOR:

BORING LOG FOR: Raymark O				RI/FS				BORING NO.:		573	
PROJECT	'NO.:		N1369			-		START DATE:	•	1/8/04	
LOGGED	BY:		J. Lambert				TRANSCRIBED BY:DH	COMPLETION	: DATE:	1/8/04	
DRILLED	BY (Comp	oany/Driller):	Aquifer Drilling 8	& Testing/ Ro	b Ullmann			MON. WELL N	O.:	N/A	
GRD. SUF	RFACE EL	EVATION:					ELEVATION FROM:	CHECKED BY:	:	JD	
	r	F		diam'r.			AND AND AND AND AND AND AND AND AND AND	VAY-9-5-4-1-4-1-4-1-4-1-4-1-4-1-4-1-4-1-4-1-4		A CONTRACTOR OF THE PROPERTY O	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION 0' - 0.2' - Grass/roots		USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		1.4'	SBP-SO-573-0002		*	Brown	0.2' - 0.8' - Silty fine SAND, trace gravel, trace organic	s (roots)	SM		PID=0.0 FID=0.0
1		2.0'	Screening 1/8/04 @ 0950			—					
						Dark Gray	0.8' - 1.4' - Fine-coarse SAND and fine GRAVEL (ang	ular-subangular)	sw/gw		
2			SBP-SO-573-0204			<u> </u>			<u> </u>		SID 0.0
ļ		1.8'					0' - 0.3' - Similar material to above		\		PID=0.0 FID=0.0
_		2.0'	Screening			1	0.3' - 1.1' - Fine-medium SAND		SP		
3			1/8/04 @ 0955			<u> </u>			 	<u> </u>	
				1 3		Gray	1.1' - 1.8' - Fine-medium SAND, (color change only)				
4						↓	V		<u> </u>		
		:		EOB @ 4' bgs							
									,		
								······································			
TYPE OF			GEOPROBE – Tr	ack- mounted	(rig 2)				 	Tetra Tech	NUS, Inc.
l l		NCING BORI						Note:			$\overline{}$
	OF SOIL S OF ROCK	SAMPLING: CORING:	MACRO-CORE (N/A	Open tube cor	tinuous samp	les to 4 feet in	2 foot intervals	_ * Unable to dete _ frozen soil	rmine density	due to	tl
	GROUNDWATER LEVELS:				••••						
LOTHER O	RSERVAT	IONS:	Phase I FID=B	PID= E	B Flag ni	umber 471	Former Landfill area - field next to mini golf course	BORING NO :	573	PAGE: ·	OE 1

TtNUS Form 0018

PROJECT	NO.:		N1369				_	START DATE:			1/17/04			
LOGGED	BY:		K. Jalkut				_	TRANSCRIBED BY: RAC COMPLETION	: DATE	= :	1/17/04			
DRILLED	BY (Compa	any/Driller):	Aquifer Drilling &	Testing/S. P	rzybylski		_	MON. WELL N	O.:		N/A			
GRD. SUF	RFACE ELE	EVATION:					_	ELEVATION FROM: CHECKED BY	:		JL			
				124				A A A A A A A A A A A A A A A A A A A		······································		1		_
DEPTH	BLOWS	SAMP REC.	SAMPLING TIME	DEPTH	SOIL				US	CS	REMARKS		LD	
(FEET)	PER	KEG.	1 IVIE &	MAT'L	DENSITY/			MATERIAL		or	(moisture condition;	SCRE		
(')	6"	SAMP	SAMPLE NO.	CHG./	CONSIS. or ROCK		LR	CLASSIFICATION		CK	odors; geological		TA	
0	NA.	LENG.	(QA/QC STATUS)	PROF'L	HARD.	C	LIX	Golf Course	BR	KN	classification; rock weathering; etc.)	METH [FID, (# #\1
			SBP-SQ-574-0002	11107 -	Dense	Bro	own	Silty SAND, trace gravel. Fine-medium sand, poorly graded, organic	SMA	/Fill	Grass/root plug =	FID	PI	
		4.01	3DI -00-074-0002		Delige	Di	/ 1111	roots, fine gravel subrounded to ½"	Jak	1	approximately 2"		-	
		1.8'	Screening			_			+		Frozen at surface	48	N	IR
		/ 2'	_	1 1				1		'			Ιİ	1
1			1/17/04 @ 0925]				▼	1 1		<u> </u>			1
					Loose	Gı	ray	SAND, some silt. Fine-medium sand, poorly graded, glass shards, seashells, organic roots, wood				314		
						-			+-		1		Ш	$ldsymbol{oxed}$
2					Dense 1	Bla	ack	Silty SAND. Fine-medium sand, poorly graded, glass shards, organic material				268		
			000 00 574 0004	-		- File			┼	┝──┤		-	\vdash	
	ļ		SBP-SO-574-0204				ick - inge	Similar to above, with oxidized layers and organic material (roots/reeds) and one 2.5" interval of sandy silt (black)		l '		690		ĺ
		1.8'	Screening	111		Cia	ii iye	and one 2.0 interval of saidy sitt (black)	لبل					
		/ 2'	_							1		110		
3			1/17/04 @ 0930			Gı	гау	Silty SAND. Fine-medium sand, wood chunks, glass, organic fibers		'		'''		1
				1 1					\Box	\Box		1	\vdash	\Box
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				- 1		-			+	—	Wet at 3.5'		\vdash	
4					▼	1	₩ .	↓	4	7			l 🖠	,
				+	_	_		· · · · · · · · · · · · · · · · · · ·	┼			 	<u> </u>	_
				EOB @ 4' bgs					1					
				T Ugs		_		EOB @ 4' bgs - Backfill with bentonite chips (4'-1') and topsoil (1'-0')	4		l			
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TVPE OF	DRILLING F	NG.	GEOPROBE – 4 X	4 Mule							T-4 = 4	1///0		_
		dig: CING BORIN		- Mult				Note:			Tetra Tech	NUS, II	nc.	
			MACRO-CORE O	non tubo cost	inuous samala	no to A'	in 2' i	ntervals PID = A (low batte	.n. n+	in us	<u>, </u>			
	OF SOIL SA		N/A	pen tube cont	anuous sample	30 tU 4	niz I	FID = A (low batter) FID = A (failed ca						
	OF ROCK (N/A					NR = No reading	4441		"" [• !)		
I GROUND	WATER LE	VELS:												

BORING NO.: 574

574

Raymark OU9 RI/FS

Phase I Flag Number 553

Former landfill area

BORING LOG FOR:

OTHER OBSERVATIONS:

PAGE:

March Marc	ROJECT NO.:	N1369					BORING NO.:		573A	
DEPTH BLOWS SAMP ROC. START START SAMP LENG THE ELEVATION FROM: CHECKED BY: DEPTH BLOWS SAMP ROC. THE MEDICAL SAMP LENG THE CHECKED BY: DEPTH BLOWS SAMP ROC. THE MEDICAL SAMP LENG THE CHECKED BY: DEPTH BLOWS SAMP ROC. THE MEDICAL SAMP LENG THE CHECKED BY: DEPTH BLOWS SAMP ROC. THE MEDICAL SAMP LENG THE CHECKED BY: DEPTH BLOWS SAMP ROC. THE CHECKED BY: DEPTH BLOWS SAMP ROC. THE CHECKED BY: DEPTH BLOWS SAMP ROC. THE CHECKED BY: DEPTH BLOWS SAMP ROC. THE CHECKED BY: DEPTH BLOWS SAMP ROC. THE CHECKED BY: DEPTH BLOWS SAMP ROC. THE CHECKED BY: DEPTH BLOWS SAMP ROC. THE CHECKED BY: DEPTH BLOWS SAMP ROC. THE CHECKED BY: ROCK SAMP ROC. THE CHECKED BY: ROCK GRICK THE CHECKED BY: ROCK GRIC						TRANSCRIBED BY: RAC		DATE:		
BELOWS SAMPLING DEPTH PER REC. TIME SAMPLING NA LENG (ACCESTATUS) SAMPLING NO NA LENG (ACCESTATUS) SAMPLING NO SAMPLING			& Testing/D	. Gooley						
DEPTH PER REC. TIME MATE NO. GENSTRY SAMP IE NO. GENSTRY MATERIAL CLASSIFICATION SAMP IE NO. GENSTRY MATERIAL CLASSIFICATION SAMP IE NO. GENSTRY MATERIAL CLASSIFICATION SPECIAL CLASSI	, , ,	· — ·		, ,		ELEVATION FROM:				
No samples for analysis 0" - 2" or analysis 0" - 2" or analysis 2" - 4" or analysis 2"	DEPTH PER REC. (FEET) 6" / SAMP	TIME & SAMPLE NO.	MAT'L CHG./ WELL	DENSITY/ CONSIS. or ROCK	CLR	CLASSIFICATION		or ROCK	(moisture condition; odors; geological classification; rock	FIELD SCREENING DATA METHOD = [FID, (PPM)]
No samples for analysis 2' - 4' No samples for analysis 2' - 4' Dense Black SAND, some silt, trace gravel. Fine-medium sand, poorly graded, trace coarse SMFill Sand, fine gravel subrounded to 1/2' Screening 1/30/04 @ 0840 Dense Brown Red BRICK/GRAVEL (coarse gravel) with silty fine-medium sand sand SMFill SAMFill SAMFill Sand, fine gravel subrounded to 1/2' Some Brown Red BRICK/GRAVEL (coarse gravel) with silty fine-medium sand sand SAMFill Day Poor Recovery Fill Day Poor Recovery Fill Day Poor Recovery Fill Day Poor Recovery Fill Day Poor Recovery Fill Day Poor Recovery Fill Day Poor Recovery Fill Day Poor Recovery Fill Day Poor Recovery Fill Day Poor Recovery Fill Day Poor Recovery Fill Day Poor Recovery Fill Day Poor Recovery Fill Day Poor Recovery Fill Day Poor Recovery Fill Day Poor Recovery Fill Day Poor Recovery Fill Day Poor Recovery Fill Day Poor Recovery Fill Poor Poor Recovery Fill Day Poor						Refer to Boring Log Number 573 for soil profile descripti	ons from 0' – 4'		advance 0' - 4' (no	*
No samples for analysis Z - 4' SBP-SO-573A-0408 Screening 1/30/04 @ 0840 Brown Red BRICK/GRAVEL (coarse gravel) with sitty fine-medium sand, poorly graded, trace coarse SM/Fill or geomembrane Pilo SAND, trace silf, fine-medium sand, poorly graded SP/Fill SMFill Or Red BRICK/GRAVEL (coarse gravel) with sitty fine-medium sand SMFill Poor Recovery Fill P										
analysis 2'-4' 4	2									
Servening 1.5' 2' Screening 1/30/04 @ 0840 Dense Black SAND, some silt, frace gravel. Fine-medium sand, poorly graded, trace coarse SM/Fill Screening 1/30/04 @ 0840 Dense Brown SAND, trace silt, fine-medium sand, poorly graded SP/Fill SC greening PiD = PiD			1							
SBP-SO-573A-0408 Screening 1/30/04 @ 0840 Dense Black SAND, some silt, trace gravel. Fine-medium sand, poorly graded, trace coarse and, proof graded sand, fine gravel subrounded to ½* SAND, trace silt, fine-medium sand, poorly graded sand, wood or roots SBP-SO-573A-0408 SCreening 1/30/04 @ 0840 Fill Organia Sand, fine gravel subrounded to ½* Crushed stone up to 1.5", poor recovery Fill Poor Recovery Fill Poor Recovery Poor Recovery Fill Poor Recovery Fi	3		1 1				<u> </u>			<u></u>
Sand, fine gravel subrounded to 1/2 or geomembrane	1					—				
Red BRICK/GRAVEL (coarse gravel) with silty fine-medium sand SM/Fill Gray Crushed stone up to 1.5°, poor recovery Fill Dry FID= PlD= PlD= PlD= PlD= PlD= PlD= PlD= Pl	1.5'					sand, fine gravel subrounded to 1/4"	ly graded, trace coarse			FID = 102 PID = 0.0
SBP-SO-573A-0608 Screening and Confirmation 1/30/04 @ 0900 Brown - SAND, some silt, fine-medium poorly graded sand, wood or roots SAND, some silt, fine-medium sand trace coarse sand, poorly graded, organic plus proof price proofs, twigs, reeds, wood chunks, glass TYPE OF DRILLING RIG: BTOWN - SAND, some silt, fine-medium sand trace coarse sand, poorly graded, organic plus price proofs, twigs, reeds, wood chunks, glass TYPE OF DRILLING RIG: BEROWN - SAND, some silt, fine-medium sand trace coarse sand, poorly graded, organic proofs, twigs, reeds, wood chunks, glass TYPE OF DRILLING RIG: BEROWN - SAND, some silt, fine-medium sand trace coarse sand, poorly graded, organic proofs, twigs, reeds, wood chunks, glass TYPE OF DRILLING RIG: BEROWN - Coarse gravel to 1" - subrounded with rock fragments TYPE OF DRILLING RIG: BEROWN - SAND, some silt, fine-medium sand trace coarse sand, poorly graded, organic proofs, twigs, reeds, wood chunks, glass TOTAL TOT	5 / 2	1/30/04 @ 0840		Loose	Red	BRICK/GRAVEL (coarse gravel) with sitty fine-medium	sand	SM/Fill	Day	FID = 75
SBP-SO-573A-0608 Screening and Confirmation 1/30/04 @ 0900 Brown SAND, trace silt. Fine-medium poorly graded sand, wood or roots SP/Fill No geomembrane PID= No visible PACMwaste FID= No visible PACMwa										PID = 75 PID = 0.3 FID = 22
TYPE OF DRILLING RIG: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: METHO	r	SBP-SO-573A-0608	1 1	♦ Dense	Brown	SAND, trace silt. Fine-medium poorly graded sand, woo	od or roots	▼ SP/Fill		PID = 0.2 FID = 0.0
FID = 8	2'	Confirmation				SAND, some silt, fine-medium sand trace coarse sand, roots, twigs, reeds, wood chunks, glass	poorly graded, organic	SM/Fill		PID = 0.0 FID = 24.2 PID = 1.2
8 PID = TYPE OF DRILLING RIG: GeoProbe – LT 54 Note: METHOD OF ADVANCING BORING: Macro – Core – Open tube continuous sampling in 2' intervals METHOD OF ROCK CORING: N/A Macro – Core – Open tube continuous sampling in 2' intervals METHOD OF ROCK CORING: N/A Tetra Tech NUS, II Tetra Tech NUS, II ** No PID/FID readings from 0-4" bgs									ыу	FID = 80.2 PID = 2.3
METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: Direct – Push Technique Macro – Core – Open tube continuous sampling in 2' intervals * = No PID/FID readings from 0-4" bgs N/A Non-Raymark waste location	3					- Coarse gravel to 1" - subrounded with rock fragments	\$			FID = 80.2 PID = 2.3
OTHER OBSERVATIONS: Phase II Flag Number 471 – Former landfill area, Recreational Field PID/FID = C, FID failed pm check BORING NO.: 573A PAGE: 1 OF	ETHOD OF ADVANCING BOF ETHOD OF SOIL SAMPLING: ETHOD OF ROCK CORING: ROUNDWATER LEVELS:	RING: Direct – Push Tech Macro – Core – Or N/A Approximately 10'	hnique pen tube con – 10.5' bgs n	eported by d	riller		PACM = Potential a containing * = No PID/FID read Non-Raymark waste	material ings from 0- location	4" bgs	b

BOKING L	UG FUR		Raymark 009				. B(DRING NO.:	573A	\	
PROJECT	NO.:		N1369				ST	TART DATE:	1/30/	04	
LOGGEDI	BY:		K. Jalkut				TRANSCRIBED BY: RAC CO	OMPLETION: DATE:	: 1/30/	04	
DRILLED I	BY (Comp	any/Driller): Aquifer Drilling	& Testing/D). Goolev			ON. WELL NO.:	N/A		
GRD. SUR		-	·				-	HECKED BY:	JL		
								- IEGNED OT.			
DEPTH (FEET)	BLOWS PER 6'	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL	DENSITY/ CONSIS. or ROCK	CLR	MATERIAL CLASSIFICATION	o	CK Cla	pisture condition; dors; geological assification; rock	FIELD SCREENING DATA METHOD =
	IUA	1.5' /	SBP-SO-573A-0810	PROF'L	HARD. Loose	Brown	SAND, fine-medium sand, poorly graded, brick, newspaper, burne fragments		/Fill Damp	eathering; etc.) sible PACM/waste	[FID, (PPM)]
9		2'	Screening 1/30/04 @ 0915				Silty SAND, fine-medium sand, poorly graded, glass, wood, organ clinkers, plastic, metal filings – poor recovery	nic material, SM	——— No G	eomembrane	FID = 3.4 PID = 0.0
				1	Dense						FID = 50 PID = 0.3
10						$\overline{\downarrow}$					FID = 1500 PID =0.1
		1'	SBP-SO-573A-1012 Screening (refusal at		Loose	Black	Silty SAND – similar to above with coarse brick fragments, wood	chunks		ated at eximately 10'	FID = 8.8 PID = 0.0
11		/ 2'	11.5) 1/30/04 @ 0930	4	ш				No vi	sible PACM/waste omembrane	FID = 98 PID = 0.0
-				EOB @	<u> </u>	—	(Refusal at 11.5')		<u> </u>		
12		<u></u>	·	11.5' bgs			EOB @ 11.5' bgs – Backfill with bentonite chips (11.5'-1' and tops	soil (1'-0')			
				1							<u> </u>
						-			_		<u> </u>
,		-		1							
								*			
											\
											
T/DE 05	20011216	DIO.	One Direction 1773				N 1				
TYPE OF DRILLING RIG: GeoProbe – LT 54 METHOD OF ADVANCING BORING: Direct – Push Technique							Note PAC	e: CM = Potential asbest	tos	Tetra Tech	NUS, Inc.
					mtinuore es-	eting in C'		containing mate			$\overline{}$
METHOD			Macro - Core - C	Jpen tube co	munuous sam	pung in 2	incivais * z	No PID/FID readings f			H
METHOD			N/A	' 10 E' h~~	reported by	triller		-Raymark waste locat		{ •••	إطا
	GROUNDWATER LEVELS: Approximately 10' – 10.5' bgs reported by driller OTHER OBSERVATIONS: Phase II Flag Number 471 – Former landfill area, Re						perestional Field PID/FID = C FID failed am shock	DINC NO. 5704			
OTHER OF	R OBSERVATIONS: Phase II Flag Number 4/1 – Former landfill						BOI	RING NO.: 573A		PAGE: 2	OF 2

BORING I	OG FOR:	:	Raymark OU9 R	I/FS			BORING NO.	:	575	
PROJEC1	NO.:		N1369	•			START DATE	:	1/8/04	,
LOGGED	BY:		J. Lambert	·			TRANSCRIBED BY: DH COMPLETIO	N: DATE:	1/8/04	
DRILLED	BY (Comp	oany/Driller):	Aquifer Drilling 8	Testing/ Ro	b Ulimann		MON. WELL	NO.:	N/A	
GRD. SUI	RFACE EL	EVATION:					ELEVATION FROM: CHECKED B	Y:	JD	
	T = 1 = 1 = 1			Communication of				_		
DEPTH	BLOWS PER	SAMP REC.	SAMPLING TIME	DEPTH	SOIL		MATERIAL .	uscs	REMARKS	FIELD
(FEET)	6"	/	&	MAT'L CHG./	DENSITY/ CONSIS.		MATERIAL CLASSIFICATION	OL	(moisture condition; odors; geological	SCREENING
` ′		SAMP	SAMPLE NO.	WELL	or ROCK	CLR	ODAGGI IQATION	ROCK	classification; rock	DATA METHOD =
0 ,	N/A	LENG.	(QA/QC STATUS)	PROF'L	HARD.		0' - 0.3' - Grass/roots	BRKN	weathering; etc.)	[FID, (PPM)]
		/	SBP-SO-575-0002	1	Slightly	Dark Red	0.3' - 0.5' - Fine-medium SAND, trace silt, trace organics	SP	Moist	PID=0.0
		1.6'	Ci		Dense					FID=0.0
		2.0'	Screening		Slightly	Gray	0.5' - 1.0' - Fine-medium SAND	*		
1			1/8/04 @ 1030	1	Loose	Black	1.0' - 1.1' - Asphalt piece	Fill		
				1	1	Gray	1.1' - 1.4' - Fine-medium SAND	SP		
		:		1		Brown	1.4' - 1.6' - Fine-medium SAND, trace coarse sand	sw		
2							The first thousant of the first opening only	i		
			SBP-SO-575-0204	-1/ /			0' - 0.2' - Similar material to above; micaceous layer at 0.1'			PID=0.0
		1.7'	ODI -00-373-0204				0 - 0.2 - Olimia: material to above, micaceous layer at 0.1	1 1		
.			Screening	1 3		Davis Beausa	COLOUR CITATION CAND			FID=0.0
_		2.0'	410/04 @ 4005	1		Dark Brown	0.2' - 0.4' - Silty fine-coarse SAND	SM		
3			1/8/04 @ 1035	-		Brown	0.4' - 0.5' - Silty fine-medium SAND			
					↓	Dark	0.5' - 0.7' - Silty fine-coarse SAND	T .		
					<u> </u>	Brown	0.7' - 1.2' - Fine-coarse SAND, trace silt	SW		
	!				Slightly	Black	1.2' - 1.7' - Fine-coarse SAND, some silt, trace asphalt fragments	SW/Fill	↓	
4					Dense					
				EOB @					· · · · · · · · · · · · · · · · · · ·	
1				4' bgs						
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TYPE OF	DRILLING	RIG:	GEOPROBE - Tr	ack- mounted	(ria 2)				Total Tari	NUS, Inc.
		NCING BORI			· v··a =/				retra Teci	i NUS, INC.
1		AMPLING:	MACRO-CORE (Open tube cor	ntinuous samp	les to 4 feet in	2 foot intervals			.)
1	OF ROCK		N/A							
1	WATER LE									ン
1	DCED\/AT		Phase I FID:	B PID= F	R Flag n	umber 536	Former Landfill area - field next to mini golf course ROPING NO	E76	BACE	4 OF 4

BORING I	LOG FOR:		Raymark OU9 RIA	FS			-	BORING NO.: <u>576</u> START DATE: 1/8/04		
LOGGED			K. Jalkut				-	TRANSCRIBED BY: RAC COMPLETION: DATE: 1/8/04		
	BY (Compa	anv/Driller)	Aquifer Drilling &	Testing/S. F	Przybylski		_	MON. WELL NO.: N/A		
	RFACE ELE	-			·,,·		_	ELEVATION FROM: CHECKED BY: JL		
								уданны на температура		
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	C	LR	CLASSIFICATION OF CLASSIFICATION CLASSIFICATION CLASSIFICATION CLASSIFICATION; rock	FIEI CREE DAT METH FID, (F	ining Ta 'OD =
		2 /	SBP-SO-576-0002 Screening and		Dense	Br	own	subrounded to ¼", organic roots, reeds approximately 3"	F ID 2.0	PID 0,2
1			Confirmation 1/8/04 @ 0940		Loose	В	lack	SAND, some silt, trace gravel. Fine-medium sand, trace coarse sand, trace fine and coarse gravel subrounded ½" – ¾", glass shards		
							↓		0.0	0.1
2					Dense	Gray	/-Black	Silty SAND, trace gravel. Fine-medium sand, poorly graded, coarse gravel subrounded to 1", organic material (wood, reeds)	5.3	0.0
		2' /	SBP-SO-576-0204					Similar to above, with one 2" interval of silt, some sand (fine-medium sand, poorly graded)	260	0.0
		/ 2'	Screening					+		
3			1/8/04 @ 0945					SAND. Fine-medium sand, poorly graded, seashells SP/Fill		
								Damp	12	0.0
4					<u> </u>		<u> </u>	I Silty SAND, trace gravel, organic roots/wood. Fine-medium sand, poorly SM/Fill	7.0	0.0
				EOB @ 4' bgs				EOB @ 4' bgs – Backfill with bentonite chips (4'-1') and topsoil (1'-0')		
						-			_	
				-		-				
					·	-		<u> </u>	_	
				-		-				
						H		 		
						1			[
	DRILLING I		GEOPROBE – 4 X	4 Mule				Note: Tetra Tech NU	JS, Ir	IC.
		CING BORIN	MACRO-CORE O	nen fuhe con	tinuous sampl	es to 4	l' in 2' is	-torrelo)	
METHOD	OF SOIL S	CORING:	N/A	poir tube col	imidous sullipi			PID = C FID = A (Failed Calibration Check)	J	
	ROUNDWATER LEVELS: THER OBSERVATIONS: Phase I Flag				Foi	rmer la	ındfill ar	rea BORING NO.: 576 PAGE: 1	OF	1

	NO.: BY:	any/Driller): EVATION:	Raymark OU9 Rt/ N1369 J. Lambert Aquifer Drilling &		Ullmann			TRANSCRIBED BY: PP ELEVATION FROM:	_	BORING NO.: START DATE: COMPLETION: MON. WELL NO CHECKED BY:	O.:	577 1/9/04 1/9/04 N/A JD		
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	С	LR	CLASSIF 0' 0.2' Grass/roots	ERIAL FICATION		USC or ROC BRK	K class N wea	REMARKS ture condition; rs; geological sification; rock thering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		2.0'	SBP-SO-577-0002 Screening and		*		own Brown	0.2' - 0.4' - Fine-medium SAND so 0.4' - 0.8' - Fine-medium SAND, tr		ganics, (roots)	SP SP/F		rope (nylon)	PID-0.2 FID-0.0
1		2.0'	Confirmation 1/9/04 @ 0855			Bro	own	0.8' - 1.1' - Fine-medium SAND, tr	race gravel, trace	glass	\ \			
	-					Gray	Brown	1.1' - 1.6' - Fine-coarse SAND, trad	ce silt		SW	'		
2								1.6' – 2.0' Fine-medium SAND			SP			
		1.2'	SBP-SO-577-0204					0' - 0.2' - Fine-coarse SAND, trace	e gravel, piece of	blue plastic	SW/F	-111		PID-0.0 FID-0.0
3		2.0'	Screening 1/9/04 @ 0900					0.2'-1.1'- Silty fine SAND, trace yellow plastic, piece of			SM/F	iii		
4			II.				•	,	 		V			
				EOB @ 4' bgs									· · ·	
				1										
														-
,				1									·	
-											,			
									<u>., , , , , , , , , , , , , , , , , , , </u>					
			1											
	DRILLING		GEOPROBE – Tra	ick- mounted ((Rig 2)	4				- Note:	<u> </u>		Tetra Tec	h NUS, Inc.
		CING BORIN								-				
1	OF SOIL S		MACRO-CORE O	pen tube conti	inuous sample	s to 4' i	n 2' inte	rvals		- * = Soil partially t	o mosth	/ frozen – soil		7
	OF ROCK		N/A					_ .		 density impos 			{ •	
	WATER LE		Phone I Flor M.	mher 690	Former Landfil	II Area	field on	ext to Mini-Golf Course PtD/FtD B		BORING NO.:	577	<u> </u>	PAGE:	1 OF 1
TOTHER	BSERVATI	ONS:	Phase I Flag Nu	JUHUCI DOZ	Office Landin	ı Aıca •	neia ile	ACTO MINI-GON GOULSE FIDITIO D		120mmo no			FAUL:	1 OF 1

BORING L PROJECT LOGGED DRILLED GRD. SUF	NO.; BY; BY (Compa	any/Driller): EVATION:	Raymark OU9 RI/ N1369 S. Bonis/M. Bouvi Aquifer Drilling &	ег	ooley				DH	BORING NO.: START DATE: COMPLETION MON. WELL N CHECKED BY	I: DATE; IO.:	577A 2/2/04 2/2/04 N/A JL		
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR			MATERIAL CLASSIFICATION		USCS or ROCK BRKN	(mois odor class	EMARKS ture condition; s; geological ification; rock thering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
2			No samples collected from 0' – 4'				See Bor	ing Log Number	577 for soil profile details f	from 0' – 4' bgs				
4		1.3'	SBP-SO-577A-0406 Screening	Fill	Medium Dense	Dark Brown	Silty SAI	ND			SM			FID=173 PID=<1
6			2/2/04 @ 1500	EOB @ 6' bgs	*				<u>.</u> .		₩			
			, , , , , , , , , , , , , , , , , , ,											
				-										
,				-							\$			
TYPE OF METHOD METHOD GROUND!	OF ADVANO OF SOIL SA OF ROCK (WATER LEY	CING BORIN MPLING: CORING: VELS:	GEOPROBE – 4X4 G: DIRECT- PUSH MACRO-CORE C N/A Approximately 5.75 Phase II Screening	pen tube con	tinuous sample ber 682 Balli					BORING NO.:	577A		Tetra Tech	NUS, Inc.

	NO.: BY:	iny/Driller): :VATION:	Raymark OU9 RI. N1369 K. Jalkut Aquifer Drilling &		Przybyls	ski		MON. \		Γ Ε :	578 1/8/04 1/8/04 N/A JL		
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	CON	SITY/ ISIS. OCK	CLR	MATERIAL CLASSIFICATION Golf Course	R	SCS or OCK RKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)		ENING TA HOD =
		1.9' 2'	SBP-SO-578-0002 Screening		Dei	nse	Brown	Silty SAND. Fine-medium sand, trace coarse sand, poorly grader organic roots, twigs, reeds, glass	i, Si	W/Fill	Grass/root plug = approximately 2.5"	FID	PID
1			1/8/04 @ 0950	1							Frozen at surface	325	0.0
							\ \	\					
2					Loc	ose 	Black	Similar to above with chunks of charred wood, glass pieces, meta fragments			Damp	103	0.8
		1.9'	SBP-SO-578-0204				Dark Gray	SAND, some silt, some gravel. Fine-medium sand, trace coarse fine and coarse subrounded gravel $\frac{1}{2}$ " - 1"	sand,			24	0.0
3		/ 2	Screening 1/8/04 @ 1000				Orange - Brown	Silty SAND. Fine-medium sand, poorly graded, decomposed mai large glass shards, oxidized layers, organic material	erial,	П			-
"										\		735	0.0
4					,	,	Gray	SAND, some gravel. Fine-medium sand, fine and coarse subrour gravel ½" – 1", rock fragments	nded S	P/Fill	Damp	8.9	0.0
				EOB @ 4' bgs				EOB @ 4' bgs Backfill with bentonite chips (4'-1') and topsoil (1	-0'}	8			
<u> </u>					-						 		
METHOD METHOD METHOD GROUND	DRILLING F OF ADVANI OF SOIL SA OF ROCK (WATER LEV	CING BORIN MPLING: ORING: /ELS:	MACRO-CORE O N/A		tinuous		es to 4' in 2' in	FID = A (Failed Calibra	tion Cf		NUS, I	nc.

	NO.: BY: BY (Comp	: pany/Driller): .EVATION:	Raymark OU9 R N1369 J. Lambert Aquifer Drilling 8		b Ullmann		TRANSCRIBED BY:	BORING NO.: START DATE: COMPLETION: MON. WELL NO CHECKED BY:	0.:	579 1/8/04 1/8/04 N/A JD		
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION 0' - 0.3' - Grass/roots/topsoil		USCS or ROCK BRKN	(moistur odors; classific	e condition; geological cation; rock ering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		1.9'	SBP-SO-579-0002 Screening		Slightly Dense Slightly	Red- Brown Gray	0.3' - 0.6' - Fine-medium SAND, trace gravel, trace silt 0.6' - 1.0' - Fine-medium SAND		SP	Moist		PID=0.0 FID=0.0
1			1/8/04 @ 1115	-	Loose	Brown	1.0' - 1.2' - Compressed WOOD		Fill			
2						Gray	1.2' - 1.9' - Fine-medium SAND		SP			
3		1.7'	SBP-SO-579-0204 Screening 1/8/04 @ 1120				Fine-medium SAND, trace coarse sand – copper wires a wood fragments at 1.1', piece of blue plastic at 1.5'	at 0.4' and 0.8',	SW/Fill			PID=0.0 FID=0.0
			170104 @ 1120						·			
4				EOB @		↓			 	 		
				4' bgs _								
							· .					
									\$			
			·									
METHOD METHOD	OF ADVAI OF SOIL S OF ROCK	NCING BOR! SAMPLING: CORING:	GEOPROBE – Tr NG: DIRECT- PUSH MACRO-CORE (N/A			es to 4 feet i	n 2 foot intervals				Tetra Tech	NUS, Inc.
OTHER O	WATER LI BSERVAT		Phase I FID=8	PID= B	Flag n	umber 514	Former Landfill area – field next to mini golf course	BORING NO.: 5	79		PAGE:	OF, 1

BORING L	OG FOR:		Raymark OU9 RI/	FS				BORING NO.:		580			
PROJECT	NO.:		N1369					START DATE:		1/8/04			
LOGGED	BY:		K. Jalkut				TRANSCRIBED BY: RAC	COMPLETION: D	ATE:	1/8/04			
DRILLED	BY (Compa	any/Driller):	Aquifer Drilling &	Testing/S. F	rzybylski		· .	MON. WELL NO.:	:	N/A			
GRD. SUF	RFACE ELI	EVATION:					ELEVATION FROM:	CHECKED BY:		JL			
		04145	CAMPUNG		A SPECIAL DESIGNATION OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS N	_	1						
DEPTH	BLOWS	SAMP REC.	SAMPLING TIME	DEPTH MAT'L	SOIL DENSITY/		MATERIAL		USCS	REMAR		FIEL	
(FEET)	PER 6"	1	&	CHG./	CONSIS.		MATERIAL CLASSIFICATION		or	(moisture co odors; geol	nation; St	DAT	NING
		SAMP	SAMPLE NO.	WELL	or ROCK	CLR	02.000.1071107		ROCK	classificatio			OD =
0	NA	LENG.	(QA/QC STATUS)	PROF'L	HARD.		Golf Course		BRKN	weathering	; etc.) [F	ID, (F	PPM)]
			SBP-SO-580-0002		Loose	Brown	SAND. Fine-medium grained, trace coarse grained,	poorly graded,	SP/Fill	Grass/root plug	= F	ID	PID
		1.7'	Screening				organic roots			approximately 2	0	0.0	0.0
		/ 2'	Corconing		Dense	Red Brow	n Silty SAND. Fine-medium SAND, poorly graded, org	ganic roots	SM/Fill	Frozen at surfa	ce T		
1			1/8/04 @ 1040			<u> </u>			1				
										-	C	0.0	0.0
						▼						-	
						Brown-Ta	n Similar to above, with trace fine gravel subrounded to	o 1/2", glass, crushed		1		1	
2				1	1	l.	stone			Damp to wet at	1.75'		
			SBP-SO-580-0204								C	0.0	0.0
ļ		1.7'	0	1		▼	₩		- 17				
		2'	Screening	1		Gray-	Silty SAND, some gravel. Fine to coarse sand, well						
3			1/8/04 @ 1045	1		Brown	coarse subrounded-subangular gravel, rock fragmer	nts (crushed rock)					
					1					-		\neg	
										l .		- 1	
									_	Damp	- C	.0	0.0
4					▼		↓		- ↓		- 1	.	
				EOB @							-	\dashv	
				4' bgs			EOB @ 4' bgs - Backfill with bentonite chips (4'-1') a	and topsoil (1'-0')					
						1		<u>`</u> `_`_			<u> </u>	\dashv	
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	·			1.		I.					- 1		
	L	<u> </u>		7									
TYPE OF	DRILLING F	RIG:	GEOPROBE - 4 X	4 Mule				Notes:		T	etra Tech NU	IS, In	IC.
METHOD	OF ADVAN	CING BORIN	G: DIRECT- PUSH					PID = C				\ <i>.</i>	
METHOD	THOD OF SOIL SAMPLING: MACRO-CORE Open tube continuous samples to			es to 4' in 2'	intervals	FID = A (Failed Calib	ration Ch	eck)					
	HOD OF ROCK CORING: N/A							Refusal at 1.5', relocation	ated less	than 1'		J	
	JNDWATER LEVELS:											,	
OTHER O	BSERVATION OF THE PROPERTY OF	ONS:	Phase I Flag Nu	mber 554	Forme	er Landfill An	ea	BORING NO.: 580	<u> </u>	P		OF	1
											TtNU!	S Forn	m 0018

PROJECT LOGGED DRILLED	BY:	any/Driller): EVATION:	N1369 S. Bor	nis/M. Bouvi		ooley		TRANSCRIBED BY:			BORING NO.: START DATE COMPLETION MON. WELL N CHECKED BY	I: DATE: NO.:	580A 2/2/0 2/2/0 N/A JL	4	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	TII { SAMPI	PLING ME & LE NO. STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR			ERIAL ICATION		USCS or ROCK BRKN	(mois odo class	REMARKS sture condition; rs; geological sification; rock athering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
2			No sample: from 0' – 4'					See Boring Log Number	* 580 for s	oil profile details	from 0' – 4'				
4									•						
	1.6' SBP-SO-580A-0406 Fill Screening 2/2/04 @ 1620						Brown Dark Brown	0.4' - Poorty graded SAN 1.2' - Silty SAND, munic		waste- bricks an	d concrete	SP/Fill	Moist Fill		FID=73 PID=<1
6	2.0' 2/2/04 @ 1620 SBP-SO-580A-0608						Dark Brown/	fragments Silty SAND		maste-bristo an	u constete	SM	Fill- rew Saturat	orked native	FID=29
8		2.0'	Screening 2/2/04 @ 1	621			Gray							r in hole	PID=<1
					EOB @ 8' bgs										
-					_								-	 	
		T			_									·	
											·	*			
	DRILLING F			ROBE - 4X4	Mule									Tetra Tech	NUS, Inc.
	METHOD OF ADVANCING BORING: DIRECT- PUSH														
1	THOD OF SOIL SAMPLING: MACRO-CORE Open tube continuous samples														-
1	HOD OF ROCK CORING: N/A UNDWATER LEVELS: Approximately 7.5' bgs														
1	BSERVATK				Flag Numb	er 554 Ballfi	ield Area				BORING NO.:	580A		PAGE:	OF 1

PROJECT LOGGED	NO.: BY:		Raymark OU9 F N1369 J. Lambert Aquifer Drilling 8		ah i Illmaan		TRANSCRIBED BY:DH	BORING NO.: START DATE: COMPLETION: DATE:	581 1/8/04 1/8/04	
		any/Driller): .EVATION:	Aquiler Drilling o	x resumprice	ob Olimanii		ELEVATION FROM:	MON, WELL NO.: CHECKED BY:	N/A _JD	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION 0' - 0.3' - Grass/roots/topsoil	USCS or ROCK BRKN	odors; geological	DATA
		1.8' 2.0'	SBP-SO-581-0002 Screening		Slightly Dense	Brown Dark Red	0.3' - 0.4' - Slity fine-coarse SAND 0.4' - 0.5' - Fine-coarse SAND 0.5' - 1.0' - Fine SAND, some slit	SM SW SP	Moist	PID=0.0 FID=0.0
1			1/8/04 @ 1130			Gray White Gray	1.0' - 1.2' - Fine-medium SAND 1.2' - 1.4' - GRAVEL (fractured) 1.4' - 1.6' - Fine-medium SAND, trace silt	GP SP		•
2			000 00 504 0004		Dense	Dark Brown	1.6' - 1.8' - Fine sandy SILT	ML		
		1.6' 2.0'	SBP-SO-581-0204 Screening		Slightly Loose Slightly Dense	Dark Gray	0' - 0.5' - SILT, some fine sand 0.5' - 1.1' - Fine-medium SAND 1.1' - 1.4' - SILT, some fine sand, trace organics (wood	SP ML/Fill	-	PID=0.0 FID=0.0
3			1/8/04 @ 1135							
4				EOB @	Slightly Loose	→	1.4' - 1.6' - Micaceous fine-medium SAND	SP	+	
- "				4' bgs					_	
				-						
'								\$	-	
				<u> </u>						
TYPE OF I METHOD (METHOD (METHOD (GROUND) OTHER OF	OF ADVAN OF SOIL S OF ROCK VATER LE	ICING BORI AMPLING: CORING: EVELS:	GEOPROBE Tr NG: DIRECT- PUSH MACRO-CORE 0 N/A Phase I FID= 8	Open tube cor	ntinuous sampl	es to 4 feet in umber 678	2 foot intervals Former Landfill area field next to mini golf course	BORING NO.: 581	Tetra Te	1 OF 1

BORING LOG FOR:

PROJECT			N1369				START DATE:		1/8/04		
LOGGED			K. Jalkut				TRANSCRIBED BY: RAC COMPLETION:		1/8/04		
		any/Driller):	Aquifer Drilling &	Testing/S. I	Przybylski		MON. WELL NO	D.:	N/A		
GRD. SUF	RFACE ELI	EVATION:	 				ELEVATION FROM: CHECKED BY:		JL		
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION Golf Course	USCS or ROCK BRKN	(moisture condition; odors; geological classification; rock weathering; etc.)	SCRE DA METH	ELD ENING ATA HOD = (PPM)]
		o: /	SBP-SO-582-0002		Loose	Brown	Silty SAND, trace gravel. Fine-medium sand, poorly graded, fine and coarse subrounded gravel ½" – ¾", organic roots	SM/Fill	Grass/root plug = approximately 3"	FID	PID
1		2' 2'	Screening 1/8/04 @ 1105			Gray - Brown	SAND. Fine-medium sand, poorly graded	SP/Fill	-	0.0	0.0
						Orange - Brown	SAND, some silt, trace gravel. Fine-medium sand, trace coarse sand, fine and coarse subangular gravel ½" – 1 ½", rock fragment, oxidized portions	SM/Fill		0.0	0.0
2					<u> </u>						
		1.6'	SBP-SO-582-0204 Screening	1	Dense		Silty SAND, some gravel. Fine-medium sand, trace coarse sand, fine subangular gravel to ½", coarse subangular gravel to 1 ½"				
3		2'	1/8/04 @ 1110						Damp	45	0.0
						Gray - Brown					
4					<u></u>	1	↓		U	130	0.0
				EOB @ 4' bgs			EOB @ 4' bgs – Backfill with bentonite chips (4'-1') and topsoil (1'-0')				
				1							
		- "		-		-				_	<u> </u>
						-				ļ <u></u> .	
				1				*			
											
TYPE OF	DBILLING	210:	GEOPROBE – 4 X	4 Mule	lo	<u> </u>					
METHOD METHOD	DRILLING F OF ADVAN OF SOIL SA OF ROCK (CING BORIN AMPLING:			ntinuous sam	ples to 4' in	Notes: 2' intervals PID = C FID = A (Failed Cal	libration Ch	Tetra Tech	E)	nc.
	WATER LE		Phase I Flag Nu	ımher 464	Forn	ner Landfill A			PACE: 4	<u> </u>	

582

Raymark OU9 RI/FS

BORING LOG FOR:

BORING L	OG FOR:		Raymark OU9 Rt/	/FS				BORING NO.:		583	
PROJECT	NO.:		N1369	•				START DATE:		1/9/04	
LOGGED	BY:		J. Lambert				TRANSCRIBED BY: PP	COMPLETION: DA	ATE:	1/9/04	
DRILLED	BY (Compa	any/Driller):	Aquifer Drilling &	Testing/Rob	Ulimann			MON. WELL NO.:		N/A	
GRD. SUF	RFACE ELI	EVATION:					ELEVATION FROM:	_ CHECKED BY:		JD	
		04440	I CANDUNG			-					
DEPTH	BLOWS	SAMP REC.	SAMPLING TIME	DEPTH MAT'L	SOIL DENSITY/				uscs	REMARKS	FIELD
(FEET)	PER 6"	1	&	CHG./	CONSIS.	1	MATERIA CLASSIFICA	ATON	or	(moisture condition; odors; geological	SCREENING DATA
		SAMP	SAMPLE NO.	WELL	or ROCK	CLR		1	ROCK	classification; rock	METHOD =
0	NA	LENG.	(QA/QC STATUS)	PROF'L	HARD.		0' 0.3' grass/roots		BRKN	weathering; etc.)	[FID, (PPM)]
		1.5'	SBP-SO-583-0002		Slightly Dense	Dark Red	0.3' 0.5' fine-medium SAND		SP	Moist	PID = 0.0 FID = 0.0
		2.0'	Screening		Slightly	Brown	0.5' - 1.2' - medium-coarse SAND, tra	ce fine sand	sw		11D = 0.0
1			1/9/04 @ 0920	4	Loose						
					Slightly Dense	Dark Brown	1.2' - 1.5' - silty fine SAND, trace orga	nics (roots)	SM		
_											
2			SBP-SO-583-0204	-	Slightly	Tan	Medium SAND, trace coarse sand		SP		PID = 0.0
		1.5'			Loose	la i			1		FID = 0.0
		2.0'	Screening	4					-		
3			1/9/04 @ 0925	1 /							
					10/		1				
									_		
4						↓	↓ ↓		↓	l l	
				EOB @	,						6
				4' bgs							
				1							<u> </u>
							-				
											
,						_					
									*		
											
				<u> </u>	<u> </u>					<u> </u>	
	DRILLING F		GEOPROBE - Trac	ck- mounted (F	Rig 2)					Tetra Tec	h NUS, Inc.
		CING BORIN		and tube south	nuova nomele:	a to 4! in 0! int					
	OF SOIL SA OF ROCK (MACRO-CORE Op N/A	en tube contil	nuous samples	s to 4° In 2° Int	ervais				3 -1
	NATER LE		IVA								-
OTHER O			Phase I Flag Numb	oer 780 - Form	ner Landfill Are	a – near Tenr	is Courts - PID/FID = B	BORING NO.: 583		PAGE:	1 OF 1

PROJECT	NO.:		N1369					START DATE:		1/8/0	4		
LOGGED	BY:		K. Jalkut				TRANSCRIBED BY: RAC	COMPLETION:	DATE	E: 1/8/0	4		
DRILLED	BY (Compa	any/Driller):	Aquifer Drilling &	Testing/S. F	rzybylski		 	MON. WELL NO).:	N/A			
GRD. SUI	RFACE ELI	EVATION:					ELEVATION FROM:	CHECKED BY:		JL			
	BLOWS	SAMP	SAMPLING	DEPTH	SOIL				US		REMARKS		LD
DEPTH (FEET)	PER	REC.	TIME &	MATL	DENSITY/		MATERIAL		00	,) (moi	sture condition;		ENING
(1551)	6"	SAMP	SAMPLE NO.	CHG./ WELL	CONSIS.	CLR	CLASSIFICATION		RO	CK Odd	ors; geological		ATA
0	NA.	LENG.	(QA/QC STATUS)	PROF'L	or ROCK HARD.	CLK	Golf Course		BR		sification; rock athering; etc.)	MEIN	100 = (PPM)]
	- '		SBP-SO-584-0002	TROLE	Dense	Red -	Silty SAND. Fine sand mostly, trace medium sand, po	orly graded	SM		oot plug =	FID.	
			351-30-304-0002		Delise	Brown	organic roots	ony gradeu,	SIVE		mately 2"		PID
		1.5'	Screening	1 1	\vdash						matery 2	0.0	0.0
		/ 2 ^c		1 1	17	Tan -	SAND and SILT, trace gravel. Fine-medium sand, poo			Damp		0.0	0.0
1			1/8/04 @ 1120	de - 1		Brown	gravel subrounded to 1/2", rock fragments at end of liner	<u> </u>				0.0	0.0
				T 1									
		1		1 1			1						İ
				1 3	\vdash		1			⊢		\vdash	
	<u> </u>			4. 0		_	1				ed at 2' – less	İ	İ
2				4 1			· · · · · · · · · · · · · · · · · · ·			recover	y		Ļ
			SBP-SO-584-0204	1 1			SAND and SILT mixture, trace gravel. Similar to above	e, coarse					İ
		1.6'	Screening	1 1	*	. ▼	subangular gravel to 1 1/2"			Damp		L	İ
		/ 2'	GOLECHING		Loose	Gray -	Silty SAND, some gravel. Fine to coarse sand, well gra					70	
3		'	1/8/04 @ 1130	1 1		Black	coarse subrounded to subangular gravel ½" to 1", meta	al fragments, glass,				72	0.0
	<u> </u>			1			plastic, charred wood, organic material						
	<u> </u>	ł											İ
	<u> </u>	1		1 1			ļ						Ь——
						\	 		١١	7		10.3	0,0
4				2	<u> </u>	Gray	SAND. Fine sand, poorly graded, rock fragments		\$P	Fill Dry		10.0	0.0
				EOB @									
				4' bgs			EOB @ 4' bgs - Backfill with bentonite chips (4'-1') and	d topsoil (1'-0')					İ
		1						<u> </u>					
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L	<u> </u>	1	<u> </u>	1		-	1		Ь				L
TYPE OF	DRILLING I	RIG:	GEOPROBE - 4 X	4 Mule						• •	Tetra Tec	h NUS 1	nc
1		CING BORIN						Notes:			75000 160		110.
1	OF SOIL SA		MACRO-CORE O	nen tube con	tinuous sample	s to 4' in 2'	intervals	DID 0			(—	—)	
	OF ROCK		N/A	post 1000 0011				- PID = C	libra*	Ob13			
1			IVA					FID = A (Failed Ca	noratio	on Gneck)	(**	-	
1	WATER LE		Dhees I Sla	a Number 55		ormer Landi	ill Area	POPING NO : 5	0.4		DAGE		
TOTHER C	BSERVATI	UN5:	Phase I Flag	g Number 55	, F	OTTICE LANG	III Alica	BORING NO.: 5	84		PAGE:	1 OF	1

584

BORING LOG FOR:

BORING L PROJECT LOGGED I	NO.:	t	Raymark OU9 F N1369 J. Lambert	RI/FS			BORING NO START DAT	E:	585 1/8/04	
DRILLED I	BY (Com	ipany/Driller LEVATION:): Aquifer Drilling	& Testing/ R	ob Ullmann		TRANSCRIBED BY: DH COMPLETIC MON. WELL ELEVATION FROM: CHECKED B	. NO.:	1/8/04 N/A JD	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION 0' - 0.2' - Grass/roots	USCS or ROCK BRKN	(moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		1.7'	SBP-SO-585-0002 Screening		Loose	Brown	0.2' - 0.6' - Fine-coarse SAND, some silt, trace gravel, some organics (roots)	sw	Moist	PID=0.0 FID≃0.0
2			1/8/04 @ 1205		Slightly Dense Slightly Loose	Dark Red Brown Gray	0.6' - 1.1' - Fine-medium SAND, trace coarse sand 1.1' - 1.4' - Silty fine SAND and plastic 1.4' - 1.7' - Fine-medium SAND	SP SM/Fill SP		
3		2.0'	SBP-SO-585-0204 Screening 1/8/04 @ 1210	-			Fine-medium SAND (homogeneous)			PID=0.0 FID=0.0
4	-			EOB @		—		+	\	
				4' bgs						
				_						
								*		
METHOD (OF ADVA OF SOIL S OF ROCK WATER L	NCING BOR SAMPLING: (CORING: EVELS:	GEOPROBE – TI DIRECT- PUSH MACRO-CORE N/A Phase FID=E	Open tube co	ontinuous samp	ples to 4 feet	in 2 foot intervals Former Landfill area – field next to mini golf course BORING NO.:	585	Tetra Tech	t

BORING LOG FOR:

BORING I	LOG FOR:		Raymark OU9 RIA	/FS				BORING NO.:		586		
PROJEC1	NO.:		N1369					START DATE:		1/8/04		
LOGGED	BY:		K. Jalkut				TRANSCRIBED BY: RAC RAC	COMPLETION:	DATE:	1/8/04		
DRILLED	BY (Comp.	any/Driller):	Aquifer Drilling &	Testina/S. I	Przybylski		 -	MON. WELL NO).:	N/A		
	RFACE ELI	•			,		ELEVATION FROM:	CHECKED BY:		JL		
									V			
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL	DENSITY/ CONSIS. or ROCK	CLR	MATERIAL CLASSIFICATION		USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock	SCRE DA METH	ELD ENING ATA HOD =
-	NA NA	LENG.	SBP-SO-586-0002	PROF'L	HARD. Loose	Brown	Golf Course SAND, some silt, trace gravel. Fine-medium sand, trace	ce coarse sand,	SM/Fill	weathering; etc.) Grass/root plug =	FID, ((PPM)] PID
		1.6'	Screening		\vdash		fine gravel subrounded to 1/4", organic roots			approximately 2"	0.0	0.0
1		/ 2 ⁻	1/8/04 @ 1145									
										†	0.0	0.0
2			SBP-SO-586-0204	-	\vdash					Wet at 2'	-	
		1.1'	Screening							1		
3		/ 2	1/8/04 @ 1150	J			↓ ↓]	
				1			Similar to above, with increased percent of coarse graves, decomposed organic material	vel - subangular to				
							İ			1	0.0	0.0
4				EOB @	<u> </u>	<u> </u>			V		+	
				4' bgs		<u> </u>	EOB @ 4' bgs - Backfill with bentonite chips (4'-1') and	d topsoil (1'-0')		4		
				1			l .					
									•	†		
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				122		V	ļģ.				<u></u>	
TYPE OF	DRILLING I	RIG:	GEOPROBE - 4 X	4 Mule				Notes		Tetra Tec	h NUS, I	nc.
		CING BORIN						Notes:				
	OF SOIL S		MACRO-CORE O	pen tube cor	tinuous sample	es to 4' in 2' i	ntervals	- PID = C			3 │	
	OF ROCK		N/A					FID = A (Failed Cal	libration CI	heck)	L)	
	WATER LE											
OTHER C	BSERVATI	ONS:	Phase I Flag	g Number 76	6 F	ormer Landf	III Area	BORING NO.: 58	86	PAGE:	1 OF	1

BORING I	OG FOF	₹:	Raymark OU9	RI/FS				BORING NO.:		587	
PROJECT	NO.:		N1369					START DATE:		1/8/04	
LOGGED	BY:		J. Lambert				TRANSCRIBED BY:DH	COMPLETION: D	ATE:	1/8/04	
DRILLED	BY (Com	pany/Driller): Aquifer Drilling	& Testing/ R	ob Ullmann			MON. WELL NO.	;	N/A	
GRD. SU	RFACE E	LEVATION:					ELEVATION FROM:	CHECKED BY:		JD	
	BLOWS	SAMP	SAMPLING	-		_		water the state of			
DEPTH	PER	REC.	TIME	DEPTH MAT'L	SOIL DENSITY/		MATERIAL		USCS	REMARKS	FIELD
(FEET)	6"	1	&	CHG./	CONSIS.		CLASSIFICATION		ог	(moisture condition odors; geological	
` ′		SAMP	SAMPLE NO.	WELL	or ROCK	CLR	CD took to thor		ROCK	classification; roo	
0	N/A	LENG.	(QA/QC STATUS)	PROF'L	HARD		0' - 0.2' - Grass/roots		BRKN	weathering; etc.	
		_	SBP-SO-587-0002	1	Slightly	Dark Red	0.2' - 0.3' - Fine-medium SAND, trace organics (roots),	trace sift	SP	Moist	PID=0.0
}		1.7'	Screening and	1	Loose						FID=0,0
		/2.0°	Confirmation	1		Brown	0.3' - 0.5' - Fine-medium SAND, trace silt				
1			1/8/04 @ 1415	1		Gray	0.5' - 0.6' - Fine-medium SAND, trace shell fragments				
	-			1							
				1	1 1 1	Brown	0.6' - 1.3' - Fine-medium SAND (color change only)				
				1			oto tto the model of the (odici ording only)		+	}	
				1		Dark Gray	1.3' - 1.7' - Fine-medium SAND, plastic	:	•		
2	ļ		000 00 000	-		Dark Gray			SP/Fill		
		/	SBP-SO-587-0204	1			0' - 0.3' - Fine-medium SAND, trace silt		SP		PfD=0.0
		1.3'	Screening	1		Black	0.3' - 0.4' - Wood, compressed – possible plywood		Fill		FID=0.0
		2.0'	l -			Dark Gray	0.4' - 0.6' - Fine-medium SAND, trace silt, trace coarse	sand	SW		
3		•	1/8/04 @ 1420								
				1			0.6' - 1.3' - Fine SAND		SP		
1									1		
4				1	▼	♦	▼		₩	 	
				EOB @							
				4' bgs					,		
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TYPE OF	DRILLING	RIG:	GEOPROBE - T	rack- mounte	d (rig 2)					Tetra	Tech NUS, Inc.
1		NCING BOR				······				, , , ,	. 55/11/00, 1/10.
METHOD	OF SOIL	SAMPLING:	MACRO-CORE	Open tube co	ntinuous samp	oles to 4 feet in	2 foot intervals			(╼┱┸╴Ì
METHOD	OF ROCK	CORING:	N/A								IT
GROUND	WATER L	EVEL\$:									
OTHER O	BSERVA	TIONS:	Phase I FID=	B PID≃	B Fla	ag number 628	Former Landfill area –field next to mini golf course	BORING NO.: 587	•	PAGE	1 QF 1

PROJECT LOGGED DRILLED	BY:	any/Driller): EVATION:	Raymark OU9 RI N1369 K. Jalkut Aquifer Drilling &		Przybylski		TRANSCRIBED BY: RAC ELEVATION FROM:	BORING NO.: START DATE: COMPLETION: MON. WELL NO CHECKED BY:) .:	588 1/8/04 1/8/04 N/A JL		
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION Golf Course		USCS or ROCK BRKN	(moisture condition; odors; geological classification; rock weathering; etc.)	SCRE DA META	ELD ENING ATA HOD = (PPM)]
1		1.4' 2'	SBP-SO-588-0002 Screening 1/8/04 @ 1330		Loose	Brown	Silty SAND, some gravel. Fine-medium sand, poorly subrounded gravel to 1/4", coarse subrounded gravel to glass shards, rock fragments	graded, fine o 1", organic roots,	SM/Fill	Grass/root plug = approximately 3.5" Course rock fragments (1.5') every 6"	FID 0.0	PID 0.0
2										- Less recovery		
		1.6' 2'	SBP-SO-588-0204 Screening				Silty SAND, some gravel. Similar to above				0.0	0.0
3			1/8/04 @ 1345		Dense		Sandy SILT, some gravel. Fine-medium sand, poorly coarse subrounded gravel ½" – 1 ½", rock fragments,	graded, fine and glass		- Saturated at 3.5' (more silt than sand)	0.0	0.0
4				EOB @ 4' bgs		•	EOB @ 4' bgs Backfill with bentonite chips (4'-1') ar	nd topsoil (1'-0')			0.0	0.0
				-						-		
,					<u> </u>					-		
				_								
7.05.05		10.	CEOPPONE AV	/ A B Bulla								
METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING:			MACRO-CORE O	pen tube con				Notes: PID = C FID = A (Failed Ca			t	nc.
OTHER C	BSERVATI	ONS:	Phase I Flag	g Number 64	7 F	ormer Landf	ıll Area	BORING NO.: 5	88	PAGE:	1 OF	1

PROJEC LOGGEE DRILLED	BY: BY (Com	t: pany/Driller LEVATION:			lob Ullmann		· · · · · · · · · · · · · · · · · · ·	DATE: ETION: DATE: 'ELL NO.;	589 1/8/04 1/8/04 N/A JD	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION 0' - 0.2' - Grass/roots/topsoil	USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
1		1.8' 2.0'	SBP-SO-589-0002 Screening 1/8/04 @ 1440		Slightly Dense	Red- Brown Brown	0.2' - 0.6' - Fine-medium SAND, trace silt, trace organics 0.6' - 1.6' - Gravelly fine-coarse SAND, gravel= subrounded-suban	SP gular SW	Moist	PID=0.0 FID=not working
			10.01 @ 17.10		Slightly	Dark Gray	1.6' - 1.8' - Fine-medium SAND, trace silt, trace slag	SP/Fill		
2		1.5'	SBP-SO-589-0204 Screening		Loose		0' - 0.9' - Fine-coarse SAND, some slag pieces (sand-gravel sizglass at 0.8'			PID=0.0 FID = not working
3			1/8/04 @ 1445		Loose	Black	0.9' - 1.5' - Angular fine-medium SAND; possible slag/charcoal fragments	SP/Fill	₩ Wet	
4				EOB @ 4' bgs	*	▼	· · · · · · · · · · · · · · · · · · ·	↓	-	
		-								
r					,					
METHOD METHOD METHOD GROUND		NCING BORE SAMPLING: CORING: EVELS:	GEOPROBE T DIRECT- PUSH MACRO-CORE N/A Phase I FID=	Open tube co	ntinuous samp	eles to 4 feet in	2 foot intervals Former Landfill area – field by mini golf course BORING N	7 580	Tetra Tech	NUS, Inc.

PROJECT LOGGED DRILLED	BY:	any/Driller): EVATION: SAMP REC. / SAMP LENG.	Raymark OU9 RI N1369 K. Jalkut Aquifer Drilling & SAMPLING TIME & SAMPLE NO. (QA/QC STATUS) SBP-SO-590-0002		DENSITY/ CONSIS. or ROCK HARD. Loose	CLR	TRANSCRIBED BY: RAC CO	RING NO.: ART DATE: MPLETION: DATE: IN. WELL NO.: ECKED BY: USCS or ROCK BRKN ded, fine SP/Fill	590 1/8/04 1/8/04 N/A JL REMARKS (moisture condition; odors; geological classification; rock weathering; etc.) Grass/root plug =	SCREI DA METH	ELD ENING ATA HOD = (PPM)]
1		1.2' 2'	Screening 1/8/04 @ 1420				and coarse gravel subrounded ½" – 1", organic roots, plastic o		approximately 2.5"	0.0	PID 0.0
2			SBP-SO-590-0204		Dense		City CAND topo group. Fine medium and nearly world.	↓	Less recovery		
3		1.2'	Screening 1/8/04 @ 1430		Delise	+	Silty SAND, trace gravel. Fine-medium sand, poorly graded, coarse subrounded gravel ½" – 1", seashells, glass shards, refragments	ock		0.0	0.0
4						Black	ASPHALT chunks (3") Similar to silty SAND, trace gravel layer, coarse gravel (1 piece		Saturated at 3.5'	36	0.0
				EOB @ 4' bgs			EOB @ 4' bgs – Backfill with bentonite chips (4'-1') and topso) li (1'-0')			
								\$			
METHOD METHOD METHOD GROUND	DRILLING F OF ADVAN OF SOIL SA OF ROCK (WATER LE'	CING BORIN AMPLING: CORING: VELS:	MACRO-CORE O			es to 4' in 2' i	FID =		Tetra Tech	E NUS. I	nc.

BORING L	OG FOR:		Raymark OU9 R	J/FS	<u> </u>			BORING NO.:		591	
PROJECT	NO.:		N1369					START DATE:		1/8/04	
LOGGED	BY:		J. Lambert				TRANSCRIBED BY: DH	COMPLETION	: DATE:	1/8/04	· · · · · ·
DRILLED	BY (Comp	any/Driller):	: Aquifer Drilling &	Testing/ Ro	ob Ullmann			MON. WELL N	0.:	N/A	
GRD. SUF	RFACE EL	EVATION:					ELEVATION FROM:	CHECKED BY:		JD	
				The second second	-				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
DEPTH	BLOWS PER	SAMP REC.	SAMPLING TIME	DEPTH	SOL	1			uscs	REMARKS	FIELD
(FEET)	6"	REU.	8 &	MAT'L CHG./	DE NSITY/ CONSIS.	1	MATERIAL		or	(moisture condition;	SCREENING
(,	Ĭ	SAMP	SAMPLE NO.	WELL	or ROCK	CLR	CLASSIFICATION		ROCK	odors; geological classification; rock	DATA
0	N/A	LENG.	(QA/QC STATUS)	PROF'L	HARÐ.) OLIK	0' - 0.2' - Grass/roots/topsoil		BRKN	weathering; etc.)	METHOD = [FID, (PPM)]
		,	SBP-SO-591-0002		Slightly	Dark Red	0.2' - 0.3' - Fine-medium SAND, some organics (r	oots), trace silt	SP	would bring, cas.)	PID=0.0
		1.8'			Dense						FID=not
		2.0'	Screening		Slightly	Gray	0.3' - 0.4' - Fine SAND				working
1		/ 2.0	1/8/04 @ 1500		Loose	Glay	0.4' - 0.6' - Fine – medium SAND				l
'			170704 (@ 1300	-11 /	Loose		 				ļ <u>.</u>
	,			D 7		Brown - Gray	0.6' - 0.7' - Fine-medium SAND				
				1 /	<u> </u>		0.7' - 0.8' - Fine-medium SAND				Ĺ
				1 1	Slightly	Black	0.8' - 1.8' - Fine-medium SAND, some silt, trace of	coarse sand	SW		
2					Dense						i
		,	SBP-SO-591-0204	0 7	Dense	Dark	Fine-coarse SAND, some gravel, trace silt				PID≃0.0
		1.3'	0	1 /	1 1	Gray					FID=0.0
		2.0'	Screening	1 /							<u> </u>
3			1/8/04 @ 1505	1 7		1			1 1		1
				1 /		-			 - 		
				1 /							
				1 7	\vdash	 			\vdash		
l .				D 17	1 1 7		. ↓				
4					<u> </u>		· · · · · · · · · · · · · · · · · · ·		▼		
				EOB @		1					
				4' bgs							
				11 17							
						1					ł
				1 7							····
1				II V		1					
				17					-		
						1					
				1 /		-			 		
	-			11 7		1					
<u> </u>			İ	II 7	<u> </u>	-					
						1			,		
				45 7					_ `		
•						1					
									1 1		
				11 7		1					
						7					<u> </u>
TYPE OF			GEOPROBE - Tra	ack- mounted	(rig 2)					Tetra Tech	NUS, Inc.
I .		ICING BORII			<u> </u>						
1		AMPLING:	MACRO-CORE O)pen tube cor	itinuous sampl	es to 4 feet in	2 foot intervals				. .
METHOD			N/A								L.
GROUND\											
OTHER O	BSERVAT	ONS:	Phase1 FID=B	/PID= B	Flag numb	er 585	Former Landfill area - field next to mini golf course	BORING NO.: 5	591	PAGE: 1	OF 1

	LOG FOR:		Raymark OU9 RI	/FS			BORING NO	.:	592			
PROJEC [*]			N1369				START DATE	= :	1/8/04			
LOGGED			K. Jalkut				TRANSCRIBED BY: RAC COMPLETIO	N: DATE:	1/8/04			
DRILLED	BY (Compa	any/Driller):	Aquifer Drilling &	Testing/S. F	Przybylski		MON. WELL	NO.:	N/A			
GRD. SU	RFACE ELE	EVATION:					ELEVATION FROM: CHECKED B	Y:	JL			
<u> </u>		SAMP	SAMPLING				A 100 PM	· · · · · · · · · · · · · · · · · · ·		-		
DEPTH	BLOWS	REC.	TIME	DEPTH	SOIL DENSITY/			USCS	REMARK		FIEL	
(FEET)	PER 6"	1	&	CHG./	CONSIS.		MATERIAL CLASSIFICATION	or	(moisture cont	lition SC		NING
		SAMP	SAMPLE NO.	WELL	or ROCK	CLR	OEAGGI IGATION	ROCK		rock M	DAT IETHI	IA OD≃
0	NA	LENG.	(QA/QC STATUS)	PROF'L	HARD.		Golf Course	BRKN	weathering;	etc.) [F		PPM)]
			SBP-SO-592-0002	1	Loose	Red -	Silty SAND, some gravel. Fine-medium sand, trace coarse sand, poorly	SM/Fill	Grass/root plug =		ID	PID
		2' /	Screening			Brown	graded, fine and coarse gravel subrounded ½" - 1", organic roots		approximately 2"	0.	.0	0.0
		/ 2'	Screening						Erozon et eurfees		1	
1			1/8/04 @ 1440				Į.		Frozen at surface	- 1		
				1							_	
			11		(i) (i)	\ \	↓			- 1		
				l .		Tan -	Similar to above with coarse gravels and rock fragments		— Damp		\dashv	
2					11	Brown	1			0.	.0	0.0
			SBP-SO-592-0204	1							\dashv	
		2' /		I .		₩	↓	▼				
		/ 2'	Screening		7	Gray	SAND. Fine to coarse sand, well graded	SW/Fil	- -	 	-	
3		_	1/8/04 @ 1445			1	1	00,77,1		0.	.0	0.0
				1 1								
						₩		↓			ŀ	
			The state of the s	11 1		Black -	Silty SAND, some gravel, similar to 0' – 1' interval	SM/Fill		-		
4			l,		▼	Brown	Only Only Some graver, similar to 0 - 1 interval	SM/FIII	Damp	0.	ا ه.	0.0
-				EOB @				+	-		_	
				4' bgs			EOB @ 4' bgs – Backfill with bentonite chips (4'-1') and topsoil (1'-0')		1			
				'	_		EOD @ 4 bgs = Backilli with bentonite chips (4-1) and topsoli (1-0)		-	1		
	_			- 1								
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			111	1 1	1							
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				1 1				*				
			1.0									
				1 1								ļ
									1			
TYPE OF	DRILLING R	IG-	GEOPROBE – 4 X	4 Mule								
		IIG. DING BORIN		- NIUIC	·· · · · · · · · ·		Notes:		Tet	ra Tech NU:	S, In	c.
	OF ADVANG OF SOIL SA		MACRO-CORE O	en tube cont	inuous samole	s to 4' in 2' i	ntervals PID = C				1	
	OF ROCK C		N/A			- 30 - 1112	FID = A (Failed	Calibration (Check)			
•	NATER LEV		<u></u>								İ	
	BSERVATION		Phase I Flag	Number 648	Fo	ormer Landfi	Il Area BORING NO.:	592	PA	2E: 4 /	OF	
									1 120	TtNUS		1 n 0018

BORING I	OG FOR	:	Raymark OU9 R	II/FS				BORING NO.:		593		
PROJECT			N1369					START DATE:		1/8/04	4	
LOGGED			J. Lambert		·		TRANSCRIBED BY:DH	COMPLETION:		1/8/04	4	
		oany/Driller):	Aquifer Drilling &	k Testing/ Ro	b Ullmann			MON. WELL NO	D.:	N/A		
GRD. SUF	RFACE EL	EVATION:					ELEVATION FROM:	CHECKED BY:		JD		
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL	DENSITY/ CONSIS. or ROCK	CLR	MATERIAL CLASSIFICATION		USCS or ROCK BRKN	(mois odo class	REMARKS sture condition; rs; geological sification; rock	FIELD SCREENING DATA METHOD =
	N/A		SBP-SO-593-0002	PROF'L	HARD. Slightly	Red-	0' - 0.2' - Grass/roots/topsoil 0.2' - 0.6' - Fine SAND, some silt, trace coarse sand,	trace organics/	SP	Moist	thering; etc.)	[FID, (PPM)] PID=0.0
ļ		1.8'	Screening		Dense	Brown	roots 0.6' - 1.0' - Fine-medium SAND					FID=0.0
1		2.0	1/8/04 @ 1525		Slightly Loose	Gray	0.6 - 1.0 - Fine-inedium SAND					
						Gray – Brown	1.0' - 1.1' - Fine-medium SAND				· ···	
2						Dark Gray	1.1' - 1.8' - Fine-medium SAND, some gravel (rounded	d-subangular)				
		1.1'	SBP-SO-593-0204	1		1	0' - 0.1' - Fine-medium SAND, trace gravel					PID=0.0 FID=4.8
		2.0'	Screening			White	0.1' - 0.2' - Coarse GRAVEL piece		GP	il		
3			1/8/04 @ 1530	1 1		Dark Gray Black	0.2' - 1.0' - Fine-coarse SAND 1.0' - 1.1' - SILT, some fine sand		SW	-		
						<u> </u>						
4						+	 		+	*		
				EOB @ 4' bgs							···	
									_			
				-		-	-	- 1		-		
					<u> </u>	-						
									<u> </u>			
TYPE OF	DOIL LINO	DIC.	GEOPROBE – Tr	nok mouston	(ria 2)						I	
TYPE OF		KIG: NÇING BORI	***	aux- mounted	(((((((((((((((((((-			Tetra Tech	NUS, Inc.
		SAMPLING:	MACRO-CORE (Open tube cor	ntinuous samp	les to 4 feet in	2 foot intervals	-				•)
METHOD		CORING:	N/A					-				G)
OTHER O			Phase I FID= E	B PID= C	Flag nu	mber 563	Former Landfill area -balifield near mini golf course	BORING NO.: 5	93		PAGE:	OF 1

BORING L PROJECT	NO.:		Raymark OU9 N1369					BORING NO.: START DATE:		593A 1/30/04		
LOGGED I			K. Jalkut				TRANSCRIBED BY: RAC	COMPLETION: I		1/30/04		
		any/Driller):	Aquifer Drilling & 1	Festing/D. G	ooley			MON. WELL NO).:	N/A		
GRD. SUR	RFACE ELE	EVATION:					ELEVATION FROM:	CHECKED BY:		JL		
		SAMP	SAMPLING	OFFICE A	200					Control of the second second second		8
DEPTH (FEET)	BLOWS PER 6" NA	REC. / SAMP LENG.	TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL	DENSITY/ CONSIS. or ROCK	CLR	MATERIAL CLASSIFICATIO	N .	USCS or ROCK BRKN	(moisture odors; g	ARKS condition; eological ation; rock	FIELD SCREENING DATA METHOD =
	INA	LLING.	(QAQCSIAIOS)	PROFL	HARD.		Refer to Boring Log Number 593 for soil pro	file descriptions from 0' – 4'	DIXIN	weather Using drive g		[FID, (PPM)]
			No samples for analysis 0' – 2'					ins decempation from 0 = 4		advance 0' -	- 4' (no	
2												
2									<u></u> .			
			No samples for analysis 2' - 4'									
								-				
4										,	ļ	
-		1' /	SBP-SO-593A-0406		Dense	Brown	Silty SAND, trace gravel, fine-medium sand, subrounded to ½", plastic, wood fibers, glass	, poorly graded, fine gravel		Saturated – precovery	poor	FID = 8,5
-		2'	Screening 1/30/04 @ 1050				(Poor recovery – satura		<u> </u>	No visible PA or geomemb		PID = 1.5
6					—	+	.					:
,				EOB @ 6'								
	•											
TYPE OF D	RILLING R	IG:	GEOPROBE - LT 5	4				-			Tetra Tech	NI IS Inc
		CING BORIN						Note:			reua recn	IVOS, INC.
METHOD (OF SOIL SA	MPLING:	MACRO-CORE Ope		nuous sampling	in 2' interva	als	Non-Raymark waste	location			. `}
METHOD (METHOD OF ROCK CORING: N/A							PACM = Potential a				
GROUNDY			Approximately 5.5' b					_	,			コー
OTHER OF	SERVATIO	DNS:	Phase II Flag Numl	ber 563 For	mer Landfill Are	ea – recreati	onal field FID/PID = C, FID failed calibration	check BORING NO.: 59	3A		PAGE: 1	OF 1
												tNUS Form 0018

BORING I	OG FOR:		Raymark OU9 RI/	FS			BOR	ING NO.:	594			
PROJECT	NO.:		N1369				STAF	RT DATE:	1/8/04	4		
LOGGED			K. Jalkut					PLETION: DATE:	1/8/04			
DRILLED	BY (Compa	any/Driller):	Aquifer Drilling &	Testina/S. F	Przybylski			. WELL NO.:	N/A			
	RFACE ELI							CKED BY:	JL.			
				i .								
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION Golf Course	USCS or ROCK BRKN	(mois odo class	REMARKS sture condition; rs; geological sification; rock athering; etc.)	SCRE DA META	ELD ENING ATA HOD = (PPM)]
			SBP-SO-594-0002		Loose	Red -	Silty SAND, some gravel. Fine-medium sand, poorly graded, fine		Grass/ro	oot plug =	FID	PID
		1.5'	Screening			Brown	coarse gravel subrounded ½" - 1", seashells, organic roots, wood	chunks	approxin(frozen)	nately 2.5"	_ 0.0	0.0
1		/ 2'	1/8/04 @ 1450			Yellow - Brown	Similar to above, with fine to coarse sand, well graded (4")		- (1102e(1)			
								T				
						Brown	Fine-medium SAND, fine and coarse gravel subrounded, rock fra	gments SP/Fill	ll			l
2						1		Ţ	– Less rec	covery		
			SBP-SO-594-0204	1			SAND, some gravel. Mostly fine-medium sand, trace coarse san	d, fine and SW/Fill	Damp at	1 2'	1	<u> </u>
		1.5'	Camanian				coarse gravel subrounded 1/2" - 1 1/2", rock fragments, (chips)	1.1			0.0	0,0
		/ 2°	Screening						1			
3		,	1/8/04 @ 1500						1)			l
				1					Less rec	covery	†	
ļ					1					•		1
			0						- Dry			
4			n				 	♦			0,0	0.0
	-			EOB @ 4' bgs	·		FOR @ 4! has Post/fill with heatening this (4! 4!) and have it	1 Oh	1		<u> </u>	
				" " "	⊢—		EOB @ 4' bgs – Backfill with bentonite chips (4'-1') and topsoil (1	-0)	-			
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				-	<u> </u>	_					1	
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TYPE OF	DRILLING F	NC:	GEOPROBE – 4 X	4 Mule	 				E # 1			
1				4 Mule			Notes:			Tetra Tech	NUS, II	IC.
METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: MACRO-CORE Open tube continuous samples to 4' in						es to 4' in 2'	intervals PID = (}				
	OF ROCK (N/A		ao ao ao ampi			(Failed Calibration Cl	heck)			
	WATER LE		1147						,			
	OTHER OBSERVATIONS: Phase I Flag Number 645						fill Area BORIN	G NO.: 594		PAGE: 1	OF	1
												1

BORING I	OG FOR:		Raymark OU9 RI	I/FS				BORING NO.:		595		
PROJECT	NO.:		N1369					START DATE:		1/8/04		
LOGGED	BY:		J. Lambert				TRANSCRIBED BY:DH	COMPLETION:	DATE:	1/8/04		
DRILLED	BY (Comp	any/Driller):	Aquifer Drilling &	Testing/ Ro	b Ullmann			MON. WELL NO) .:	N/A		
GRD. SUF	RFACE EL	EVATION:					ELEVATION FROM:	CHECKED BY:		JD		
	DI 01110	04445	CAMPUNO	-			The same of a control of a cont	_		-	name and the last of the last	
DEPTH	BLOWS PER	SAMP REC.	SAMPLING TIME	DEPTH MAT'L	SOIL DENSITY/		MATCHAI		uscs		EMARKS	FIELD
(FEET)	6"	1	&	CHG./	CONSIS.		MATERIAL CLASSIFICATION		or		ture condition; s; geological	SCREENING DATA
()		SAMP	SAMPLE NO.	WELL	or ROCK	CLR	OLAGO I TOATION		ROCK		ification; rock	METHOD =
0	N/A	LENG.	(QA/QC STATUS)	PROF'L	HARD.		0' - 0.2' - Grass/roots		BRKN		thering; etc.)	[FID, (PPM)]
			SBP-SO-595-0002		Slightly	Dark Red	0.2' - 0.4' - Fine-medium SAND, trace silt, some organ	ics (roots)	SP	Moist		PID=0.0
		1.5'			Dense				'			FID=0.0
		/ 2.0°	Screening			Brown	0.4' - 0.7' - Fine-coarse SAND, some gravel, trace silt		sw			
1			1/8/04 @ 1540				•					
						Black	0.7' - 1.5' - Fine-medium SAND, piece of plastic		SP/Fill			
						I	on the fine modulin of the product		Q1 77 til			
												<u> </u>
١,						1						
2			000 00 000 0004		\vdash	_	OL O 44 Fire westign CANID some second force of					
			SBP-SO-595-0204				0' - 0.1' - Fine-medium SAND, some gravel, trace silt		SP			PID=0.0
<u></u>		1.4'	Screening									FID=0.0
1		2.0'	-									
3			1/8/04 @ 1545		L	<u> </u>						
				1	1 1	Gray	0.1' - 0.6' - Fine-medium SAND, some glass	1	SP/Fill			
						Dark Gray	0.6' - 1.0' - Fine-coarse SAND, and plastic, some glass	S	SW/Fill	1		
						1	1.0' - 1.4' - Fine-medium SAND - PACM (small piece)		Fill	▼		
4					•	♦ .				PACM fo	ound in sample	
				EOB @								
				4' bgs								
——												<u> </u>
 												
											· · · · · · · · · · · · · · · · · · ·	-
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												L
	DDII / **: *	510	OFORDORF T		(rin 0)							
TYPE OF DRILLING RIG: GEOPROBE – Track- mounted (rig 2) METHOD OF ADVANCING BORING: DIRECT- PUSH											Tetra Tech	NUS, Inc.
				loon tube co	dinuoue com	en to A fact :-	2 foot intervals	Note:)
METHOD OF SOIL SAMPLING: MACRO-CORE Open tube continuous samples to 4 feet in MFTHOD OF ROCK CORING: N/A				Z IOQ IIIQIYAIS	PACM = Potential material	aspestos co	ontaining		 -			
1					.			-				
	ROUNDWATER LEVELS: THER OBSERVATIONS: Phase FID= B			PID= C	Eloa ni	ımber 655	Former Landfill area –field next to mini golf course	BORING NO.: 5	O.E.		DACE	<u> </u>
TO THEK O	BSEKVAI	IÓN2:	Phase I FiD=B	FID- C	riag nu	HUDEL 033	i ormer Landin area -neid next to mini gon codise	LPOKING NO.: 5	95		PAGE: 1	OF 1

BORING I			Raymark OU9 RI	/FS				ORING NO.:	596		
PROJECT			N1369 K. Jalkut					ART DATE: DMPLETION: DATE:	1/8/04 1/8/04		
LOGGED		nnu/Drillor):	Aguifer Drilling &	Tection/S F	Orzybyleki Orzybyleki			ON, WELL NO.:	N/A		
	RFACE ELI	any/Driller): =VATION:	Addres Drining &	resungro. I	IZYDYISKI			HECKED BY:	JL		
GIND. 301	WACE ELI	-VAIIOII.					LELEVICIONI CON	LOKED BY.	_ OL		
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION Golf Course	USCS or ROCK BRKN	(moisture condition; odors; geological	SCRE DA METI	ELD EENING ATA HOD = (PPM)]
		1.7'	SBP-SO-596-0002 Screening and		Loose	Red - Brown	Silty SAND. Fine-medium sand, poorly graded, organic roots,	glass shards SM/Fill	Grass/root plug = approximately 2"	FID 0.0	PID 0.0
1		2'	Confirmation 1/8/04 @ 1515			Tan - Gray	SAND, trace silt. Fine sand, poorly graded, seashells, organic		ī	0.0	0.0
						Black	Sitty SAND, some gravel. Fine to coarse sand, well graded, fir subrounded gravel $\frac{1}{2}$ " – 1 $\frac{1}{2}$ ", wood, plastic, tiles	ne and coarse SM/Fill			
2										4.1	0.0
		1.7'	SBP-SO-596-0204 Screening			+	\		_	4.1	0.0
3		2'	1/8/04 @ 1520	_		Brown	Similar to above, with organic material		Damp at 3'	224	0.0
						\ \	+				
4					↓	Black	Similar to above, with plastic, tiles, reeds, wood chunks			286	0.0
				EOB @ 4' bgs			EOB @ 4' bgs – Backfill with bentonite chips (4'-1') and topsoi	l (1'-0')	1		
							ļ				ļ
									_		
				4							<u> </u>
									_		<u> </u>
				_	ļ			*			<u> </u>
						ļ			_		<u> </u>
TYPE OF	DRILLING I	RIG:	GEOPROBE - 4 X	4 Mule			Note		Tetra Ted	ch NUS	Inc.
METHOD OF ADVANCING BORING: DIRECT- PUSH											.,
METHOD OF SOIL SAMPLING: MACRO-CORE Open tube continuous samples to 4' in						es to 4' in 2		-	Charatty [mg	-	
1	METHOD OF ROCK CORING: N/A GROUNDWATER LEVELS:						FID:	= A (Failed Calibration C	neck)	ر حا ا	
			Disease 4	- Alumah 22		Tarmant s	dell Aron	NINC NO : 500			
OTHER C	BSERVATI	ONS:	Phase I Fla	g Number 39	U 1	ormer Lan	dhii Area BOR	RING NO.: 596	PAGE:	1 OF	1

OTHER OBSERVATIONS:

Flag Number 390

1 OF

PAGE:

PROJECT	NO.:		N1369					START DATE:		1/8/04	_	
LOGGED	BY:		K. Jalkut				TRANSCRIBED BY: RAC	COMPLETION: E	ATÉ:	1/8/04		
DRILLED	BY (Compa	any/Driller):	Aquifer Drilling &	Testing/S. F	rzybylski			MON. WELL NO.	:	N/A		
GRD. SUF	RFACE ELE	EVATION:	· · · · · · · · · · · · · · · · · · ·				ELEVATION FROM:	CHECKED BY:		JL		
				- Inches	Contract of the Contract of th		Particular and an analysis of the control of the co					
DEDTU	BLOWS	SAMP REC.	SAMPLING TIME	DEPTH	SOIL				uscs	REMARKS		ELD
DEPTH (FEET)	PER	KEÇ.	1 11VIC.	MAT'L	DENSITY/		MATERIAL CLASSIFICATION		or	(moisture condition;		ENING
" /	6"	SAMP	SAMPLE NO.	CHG./ WELL	CONSIS. or ROCK	CLR	CEASSIFICATION		ROCK	odors; geological classification; rock		ATA HOD =
0	NA	LENG.	(QA/QC STATUS)	PROF'L	HARD.	OLIN	Golf Course		BRKN	weathering; etc.)		(PPM)]
			SBP-SO-597-0002	11101 2	Dense	Red -	Silty SAND. Fine sand mostly, poorly graded, organic roo	nts seasbells rock	SM/Fill	Grass/root plug =	FID	PID
		2 /	051 00 007 0002	1 3	1	Brown	chips	to, countries, roun	1	approximately 2" (frozen)	0.0	_
			Screening	1 1	_	-	<u></u>				0.0	0.0
İ		/ 2'			↓	Tan - Brown	Silty SAND, similar to above		1			
1			1/8/04 @ 1540	4 1		DIOWII				<u></u>		
					Loose		SAND. Fine sand mostly, poorly graded, seashells		SP/Fill			0.0
				1 /			Į.		. 1		0.0	0.0
				1 1						Damp at 2'		
2											l	
-			SBP-SO-597-0204	-			- Similar to above, plus organic reeds/roots					
	<u> </u>	ο.	3DF-3U-097-0204	1		1 1	- Similar to above, plus organic reeds/roots		 		141	0.0
		2 /	Screening	1								<u> </u>
		2'		1		Brown -	Silty SAND, some gravel. Fine-medium sand, trace coars		SM/Fill		28	0.0
3			1/8/04 @ 1550	1		Black	graded, fine and coarse subrounded-subangular gravel to) ½" – 1", fibrous			20	0.0
							pad/netting (long dull fibers), glass, plastic					
	<u> </u>								*	Saturated at 3.5'		
				1			SAND, some gravel. Fine to coarse sand, well graded, fin	ne and coarse	SW/Fill		-	
1.	<u> </u>				▼	↓	subangular gravel to ½" – 1", rubber pieces	ne and coarse	O WIT IN		6	0.0
4				V								
i				EOB @		l .					İ	
				4' bgs			EOB @ 4' bgs - Backfill with bentonite chips (4'-1') and to	opsoil (1'-0')				
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	DRILLING F		GEOPROBE - 4 X	4 Mule				Notes:		Tetra Tech	NUS, I	Inc.
METHOD	OF ADVAN	CING BORIN			<u> </u>						$\overline{}$	
METHOD	OF SOIL SA	F SOIL SAMPLING: MACRO-CORE Open tube continuous samples to 4'				es to 4' in 2	' intervals	PID = C			ᇤᅵ	
METHOD OF ROCK CORING: N/A						FID = A (Failed Calit	oration Ch	eck)	[جا			
	WATER LE											
	BSERVATI		Phase I Flag	Number 46	1 F	ormer Lan	dfill Area	BORING NO.: 59	7	PAGE: 1	OF	1

597

Raymark OU9 RI/FS

BORING LOG FOR:

BORING L	OG FOR	:	Raymark OU	9 RI/FS				BORING NO.:		598	
PROJECT	NO.:		N1369					START DATE:		1/8/04	
LOGGED	BY:		J. Lambert				TRANSCRIBED BY:DH	COMPLETION: DA	ATE:	1/8/04	
DRILLED	BY (Com	pany/Driller)	: Aquifer Drillin	g & Testing/ R	ob Ullmann			MON. WELL NO .:		N/A	
		LEVATION:					ELEVATION FROM:	CHECKED BY:		JD	
							Province and the second				
	BLOWS	SAMP REC.	SAMPLING TIME	DEPTH	SOIL				uscs	REMARKS	FIELD
DEPTH (FEET)	PER 6"	KEG.	IIN7⊏ &	MAT'L	DENSITY/		MATERIAL		ог	(moisture condition;	SCREENING
(/	Ĭ	SAMP	SAMPLE NO.	CHG./ WELL	CONSIS. or ROCK	CLR	CLASSIFICATION		ROCK	odors; geological	DATA METHOD =
0	N/A	LENG.	(QA/QC STATUS)	PROF'L	HARD.	OLIN	0.0' - 0.3' - Grass/roots/topsoil		BRKN	classification; rock weathering; etc.)	METHOD = [FID, (PPM)]
			SBP-SO-598-0002		Slightly	Brown	0.3' - 0.8' - Fine-medium SAND, trace organics (roots), tr	race angular	SP	Moist	PID=0.0
		1.8'			Dense		gravel	g	·		FID=0.0
<u> </u>		2.0'	Screening			Dark	0.8' - 1.2' - Fine-medium SAND, piece of plastic at 0.8'		SP/Fill		110-0.0
4	-	/ 2.0	1/8/04 @ 1600			Brown	0.0 - 1.2 - Tille-friedidiff OARD, piece of plastic at 0.0		36/4-11		
1			170704 @ 1000		 -	DIOWII					
					l. 1	1 1	1	1	↓ ∥		
				1			<u> </u>				1 2
					l	Black	1.2' - 1.8' - Fine-coarse SAND, large nut and washer	8	SW/Fill		
2											1
			SBP-SO-598-0204				0.0' - 0.9' - Fine-medium SAND, piece of wood		SP/Fill		PID=0.0
		1.5'			▼	▼					FID=0.0
		2.0'	Screening		Slightly	Black/	0.9' - 1.1' - Ash/charcoal layers		Fill		-
3			1/8/04 @ 1605		Loose	White					
				_	51	Dark	1.1' - 1.5' - Fine-medium SAND, rubber gasket		SP/Fill		-
1	-		Screening DUP 14			Gray	in the inestant of the tubes gaster		0.71.11		
			_			- 1	+		- 1		-
		:	1/8/04 @ 1610		↓				T 1		U.
4							V		<u> </u>		4
				EOB @	1 1	Y					
				4' bgs							
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TYPE OF				- Track- mounte	d (rig 2)					Tetra Tec	h NUS, Inc.
1		NCING BOR					-				
		SAMPLING:		E Open tube co	ntinuous samp	les to 4 feet	in 2 foot intervals				3
METHOD			N/A								T-j
GROUND			**								
OTHER O	BSERVAT	TIONS:	Phase I FIC	= C PID= E	B Flag	number 53	7 Former Landfill area –field near mini golf course E	BORING NO.: 598		PAGE:	1 OF 1

PROJECT	NO.:		N1369				START DAT	E:	1/8/04		
LOGGED	BY:		K. Jaikut				TRANSCRIBED BY: RAC COMPLETIC	N: DATE:	1/8/04		
DRILLED	BY (Compa	any/Driller):	Aquifer Drilling &	Testing/S. F	rzybylski		MON. WELL	. NO.:	N/A		
GRD. SUF	RFACE ELE	EVATION:					ELEVATION FROM: CHECKED B	3Y:	JL.		
		04145	0111511110	Construction of the last			W. C. C. C. C. C. C. C. C. C. C. C. C. C.	CVVVVVV			
DEPTH	BLOWS	SAMP REC.	SAMPLING TIME	DEPTH	SOIL			uscs	REMARKS	FIE	LD
(FEET)	PER	KEG.	& ************************************	MAT'L	DENSITY/		MATERIAL	or	(moisture condition;		ENING
(== .,	6"	SAMP	SAMPLE NO.	CHG./ WELL	CONSIS. or ROCK	CLR	CLASSIFICATION	ROCK	odors; geological		TA
0	NA	LENG.	(QA/QC STATUS)	PROF'L	HARD.	OLIV	Golf Course	BRKN	classification; rock weathering; etc.)	[FID, (IOD =
			SBP-SQ-599-0002		Loose	Brown	Silty SAND. Fine-medium sand, poorty graded, plastic, organic roots,	SM/Fill		FID.	PID
		2' /		1 1	1	Gray	oxidized pieces	J Chill in	approximately 2"		
		² /2	Screening			<u> </u>			-	0.0	0.0
		/ 2	4/0/04 @ 4000			↓			Frozen at surface		
1			1/8/04 @ 1600	-1							
						Gray	SAND, trace silt, trace gravel. Fine sand mostly, fine gravel subrounded	to SP/Fill		0.0	0.0
				ь .			1/2", plastic, seashells	1 1		0.0	0.0
				D 1					7		
2				1) 1				1 1	Damp at 2'		
			SBP-SO-599-0204	1 1			Similar to above, with organic reeds/roots	 -		-	-
			Screening	к і	🔻					142	0.0
			1/8/04 @ 1605	1) 1	Dense	_	CANID trace oilt. Fine cond moeths		4	ļ	
_			1 -		Delise		SAND, trace silt. Fine sand mostly, poorly graded, seashells	1 1			
3			DUP13 @ 1610	E 1					Saturated at 3'		
			(screening)	1 1			· ·			87	0,0
									0	0/	υ.υ
				1 1	1	Black	SAND, some gravel. Fine-medium sand, fine and coarse subrounded gravel.	avel	Organic odors		
4					, T		to ½" - 1", organic material, wood, reeds/roots	- ▼		1600	0.0
				EOB @				- 		 	
				4' bgs			EOB @ 4' bgs - Backfill with bentonite chips (4'-1') and topsoil (1'-0')				
				1.			200 @ + 0g3 - Ducking Wild Delitoring Chips (+-1) and topsoft (1-0)		4		
				1 1							
				N 1							
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					1	_				<u> </u>	
TYPE OF			GEOPROBE - 4 X	4 Mule			Notes:		Tetra Tech	h NUS. I	nc.
METHOD	OF ADVAN	CING BORIN									
METHOD	OF SOIL SA	MPLING:	MACRO-CORE Op	en tube cont	inuous sample	s to 4' in 2'			 	_ _)	
METHOD	OF ROCK C	ORING:	N/A				FID = A (Failed	Calibration C	heck)	T	
GROUND	WATER LEV	/ELS:									
OTHER O	BSERVATIO	ONS:	Phase I Flag	Number 389	F F	ormer Land	fill Area BORING NO.:	599	PAGE	1 OF	1

BORING NO.:

BORING NO.: 599

599

BORING LOG FOR:

Raymark OU9 RI/FS

1 OF

PAGE:

BORING LOG FOR: PROJECT NO.: LOGGED BY: DRILLED BY (Company/Driller): GRD. SURFACE ELEVATION: BLOWS SAMP REC.			Raymark OU9 RI/ N1369 J. Lambert Aquifer Drilling &		Ullmann		TRANSCRIBED BY: PP ELEVATION FROM:	BORING NO.: START DATE: COMPLETION: DATE: MON. WELL NO.: CHECKED BY:	600 1/8/04 1/8/04 N/A JD		
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION 0' - 0.2' - Grass/roots	USC: or ROCI BRKI	(moisture odors; ge	condition; eological ition; rock	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		1.7'	SBP-SO-600-0002 Screening		Slightly Dense	Dark Red	0.2' - 0.6' - Fine-medium, SAND trace organics (ro	ots) trace silt SP		rig, cic.)	PID=0.0 PID=0.0
1		2.0'	1/8/04 @ 1615		Slightly Loose	Gray	0.6' - 1.3' - Fine-medium SAND	→			
						White	1.3' - 1.7' - GRAVEL, some fine-coarse sand	GW			
2											
		1.6'	SBP-SO-600-0204 Screening			Tan Gray	0' - 0.1' - Fine-medium SAND 0.1' - 0.6' - Fine-medium SAND, trace angular grave	SP [PID=0.0 PID=0.0
3		2.0'	1/8/04 @ 1620			Dark Gray	0.6' - 1.1' - Fine-medium SAND				
						Gray-	1.1' - 1.5' - Fine-coarse SAND	sw			
4					+	Black	1.5' - 1.6' - Silty fine-medium SAND, trace gravel	SM			
				EOB@ 4' bgs							•
METHOD METHOD METHOD	OF SOIL SA OF ROCK (CING BORIN AMPLING: CORING:	GEOPROBE – Trac G: DIRECT- PUSH MACRO-CORE OP N/A			s to 4' in 2' inte	rvals			Tetra Tech I	NUS, Inc.
1	WATER LEV BSERVATION		Phase I Flag Nu	mber 495 -	Former Lan	dfill Area - Fiel	d next to mini golf course FID = C PID = B	BORING NO.: 600		PAGE: 1	OF 1

BORING L	OG FOR:		Raymark OU9 RI/	FS			BORING N	O.:	_ 601	
PROJECT	NO.:		N1369				START DA	TE:	1/8/04	
LOGGED	BY:		J. Lambert		<u> </u>		TRANSCRIBED BY: PP COMPLET	ION: DATE:	1/8/04	
		any/Driller):	Aquifer Drilling &	Testing/Rob	Ullmann	·	MON. WEL	L NO.:	N/A	
GRD. SUF			<u> </u>		· · · · · ·		ELEVATION FROM: CHECKED	BY:	JD	
							A STATE OF THE PROPERTY OF THE		, , , , , , , , , , , , , , , , , , ,	
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP	SAMPLING TIME & SAMPLE NO.	DEPTH MAT'L CHG./ WELL	SOIL DENSITY/ CONSIS. or ROCK	CLR	MATERIAL CLASSIFICATION	USCS or ROCK BRKN	(moisture condition; odors; geological classification; rock	FIELD SCREENING DATA METHOD =
0	NA	LENG.	(QA/QC STATUS)	PROF'L	HARD.		0' - 0.2' - Grass/roots		weathering; etc.)	[FID, (PPM)]
		1.6'	SBP-SO-601-0002		Slightly Loose	Brown	0' - 0.8' - Fine-coarse SAND, some organics (roots), trace silt	sw	Moist 	PID-0.0 FID-0.0
1	•	2.0'	Screening 1/8/04 @ 1630			Dark Red	0.8' – 1.1' – Fine-medium SAND, trace silt, trace organics (roots)	SP		
		<u></u>				Light Brown	1.1' – 1.6' – Fine-coarse SAND, some silt	sw		
2					Slightly Dense					
2		1.5'	SBP-SO-601-0204			 	0' - 0.5' - Gravely fine-coarse SAND, trace silt	1		PID-0.0 FID-0.0
		2.0'	Screening and Confirmation 1/8/04 @ 1635		Slightly Loose	Gray	0.5' 0.9' Fine-medium SAND, trace shells	SP	11	1.5 6.6
3			178/04 (@ 1635	1		Gray - Brown	0.9' – 1.5' – Fine-medium SAND, trace silt			1
						Biomi		- 	- ↓	
4				EOB @		▼	*	-		
				4' bgs					-	
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TYPE OF	DRILLING I	RIG:	GEOPROBE Tra	ck- mounted ((Rig 2)		<u> </u>		Tetra Tecl	n NUS, Inc.
METHOD	OF ADVAN	ICING BORIN	IG: DIRECT- PUSH							
1 -	METHOD OF SOIL SAMPLING: MACRO-CORE Open tube continuous samples to 4'					s to 4' in 2' in	tervals			3 -1
METHOD OF ROCK CORING: N/A									[•	4 -)
	GROUNDWATER LEVELS: Dhage Flee Number 146 Former andfill Area - fie					on field see	r mini-golf course (along Dome Drive) FID = C PID = B BORING NO.	. 604		
OTHER C	OBSERVATIONS: Phase I Flag Number 446 Former Landfill Are						mini-gon course (along bothe brive) FID = C FID = B BORING NO.	: 601	PAGE:	1 OF 1

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BORING LOG FOR: PROJECT NO.: LOGGED BY: DRILLED BY (Company/Driller): GRD. SURFACE ELEVATION: BLOWS SAMP DEPTH BLOWS REC.			Raymark OU9 Rl/ N1369 J. Lambert Aquifer Drilling &		Uilmann	BORING START TRANSCRIBED BY: PP COMPL MON. V ELEVATION FROM: CHECK			602 1/8/04 1/8/04 N/A JD	
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION 0' - 0.2' – Grass/roots	USCS or ROCK BRKN	odors; geological	FIELD SCREENING DATA METHOD = [FID, (PPM)]
1		1.7' 2.0'	SBP-SO-602-0002 Screening 1/8/04 @ 1640		Slightly Loose Slightly Dense	Brown Light Brown	0.2' - 0.6' — Silty fine-medium SAND, trace gravel, so (roots) 0.6' — 1.4' — Fine-coarse SAND, some gravel	ome organics SM	Moist	PID - 0.0 FID - 0.0
2						Dark Red	1.4' - 1.7' - Fine-medium SAND, trace gravel (subrou	unded) SP		
3		1.5' 2.0'	SBP-SO-602-0204 Screening 1/8/04 @ 1645		Slightly Loose	Dark Gray	0' - 0.4' - Fine-medium SAND 0.4' - 0.5' - Fine-medium SAND		-	PID - 0.0 FID - 0.0
						Gray	0.5' - 1.5' Fine-medium SAND, trace shells		1	
4				EOB @ 4' bgs	V	V			 	
				_					_	
,										
				<u> </u> 		<u>,</u>		8		
TYPE OF	ORILLING F	RIG:	GEOPROBE Trac	k- mounted (Ría 2)				T-to-T-	
METHOD (METHOD (METHOD) GROUND)	OF ADVANO OF SOIL SA OF ROCK O VATER LEV	CING BORIN MPLING: ORING: /ELS:	G: DIRECT- PUSH MACRO-CORE Op N/A	en tube conti	nuous samples			-	T	h NUS, Inc.
OTHER O	SEKVA II	JNS:	Phase I Flag Nu	mber 444	Forme	er Landiiii Are	a - Field next to Mini-Golf Course FID/PID = C/B	BORING NO.: 602	PAGE:	1 OF 1

BORING LOG FOR: PROJECT NO.: LOGGED BY: DRILLED BY (Company/Driller): GRD. SURFACE ELEVATION: Raymark OU9 RI/FS N1369 K. Jalkut Aquifer Drilling & Testing/S. Przybylski							BORING NO.: START DATE TRANSCRIBED BY: RAC COMPLETION MON. WELL I ELEVATION FROM: CHECKED BY	: N: Dati No.:	E:	603 1/9/04 1/9/04 N/A JL		
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION Golf Course	RC	SCS or OCK RKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	SCRE DA METH	ELD ENING ATA HOD = (PPM)]
1 :		2' / 2'	SBP-SO-603-0002 Screening 1/9/04 @ 0945		Dense	Brown	SAND, some silt, trace gravel. Fine-medium sand, fine gravel, subrounded organic roots, rock chips	i, SM	A/Fill	Grass/root plug = approximately 3" (frozen)	FID 0.0	PID 0.0
					Loose	Red - Brown Black -	Similar to above, with fewer organic roots SAND, fine sand, poorly graded, seashells	SF	VFill		440	
2		1' / 2'	SBP-SO-603-0204 Screening			Gray Red – Green	Silty SAND. Fine-medium sand, poorly graded, plastic, 2" wood chunks, organic roots, reeds	SN	A/Fill	Damp	6.8	0.0
3			1/9/04 @ 0950	-				1				
4				EOB @ 4' bgs	<u> </u>	<u> </u>			↓	Poor recovery, organics at end		
				4 bys			EOB @ 4' bgs Backfill with bentonite chips (4'-1') and topsoil (1'-0')	#				
								+				
,												
								_	*			
TYPE OF I	ORILLING R	lG:	GEOPROBE – 4 X	4 Mule				1		Total Took	MI IO I	
METHOD (ING BORIN MPLING: ORING:			tinuous sample	es to 4' in 2'	intervals			Tetra Tech	E)	nC.
OTHER OI	SERVATIO	NS:	Phase I Flag	Number 373	3 F	ormer Land	ffill Area BORING NO.:	603		PAGE: 1	OF	1

BORING LOG FOR:

BORING L	OG FOR:		Raymark OU9					BORING NO.:			603A		
PROJECT	NO.:		N1369					START DATE:		_	1/28/04		
LOGGED	BY:		K. Jalkut				TRANSCRIBED BY: RAC	COMPLETION: DAT	TE:	_	1/28/04		
DRILLED	BY (Compa	any/Driller):	Aquifer Drilling &	Testing/M. S	arro			MON. WELL NO.:		_	N/A		
GRD. SUF	RFACE ELE	VATION:					ELEVATION FROM:	CHECKED BY:		_	JL		
					1		**************************************			_			
DEPTH	BLOWS	SAMP REC.	SAMPLING TIME	DEPTH	SOIL				us	cs		EMARKS	FIELD
(FEET)	PER 6" :	1	&	MAT'L CHG./	DENSITY/ CONSIS.	l	MATERIAL CLASSIFICATION			or		ture condition;	SCREENING
		SAMP	SAMPLE NO.	WELL	or ROCK	CLR	CLASSIFICATION			CK		s; geological ification; rock	DATA METHOD =
0	NA	LENG.	(QA/QC STATUS)	PROFL	HARD.				BR	KN	wear	thering; etc.)	[FID, (PPM)]
				1		1	Refer to Boring Log Number 603 for soil profile descriptio	ns from 0' – 4'			Using di	rive point to	
			No samples for	1					ł			e 0' − 4' (no	
			analysis 0' – 2'	1						\neg	macro c	ores)	
1				1		l			ľ				
				1						\neg			
1				1									L
										\neg			
2													
—				1						\neg			-
			No samples for			1							
			analysis 2' – 4'	1					├	\dashv	b	ĺ	-
3			•										
-			··· · · · · · · · · · · · · · · · · ·	-				· · · · · · · · · · · · · · · · ·					
				1	-	-	l				2		
4							↓ ↓			1	į.	+	
-			CDD CO CDOA CADO	- 1	D	D	CHT	·			-		<u> </u>
	 	470 /	SBP-SO-603A-0406	1	Dense	Brown	SILT, some sand, trace gravel. Fine sand, trace medium subangular gravel to 1/2" coarse gravel subrounded to 1".	sand, poorly graded, fine	SM	VFili		ots 4' – 6'	FID = 0
L		1.7'	Screening	1		L		· · · · · · · · · · · · · · · · · · ·			(2 refusa Wet at 4		PID = 0
		/ 2'		1	Loose	Black	SAND, trace gravel. Fine-medium sand, poorly graded fit	ne and coarse	SP	/Fill	VVOI CI,	· (mica)	FID = 531
5			1/28/04 @ 1040	4 1		\vdash	subrounded gravel to 1", glass shards, ceramic shards, cl chunks	inkers, organics, wood		\square			PID = 0
				1								yer (black) at	FID = 92
											4.5' - 6		PID = 0.6
1				1			1				poor rec	essed soil	
6									,	7		,	1
			SBP-SO-603A-0608			↓	SAND, some silt, trace gravel. Fine-medium sand, trace	coarse sand, poorly	SM	/Fill	Burn lay	er continues	FID = 28
(1.7'	Screening				graded, fine gravel subangular to 1/2"				(0.3')		PID = 0
		/ 2'	Screening			Light	Similar to above, less gravel, organic roots						FID = 38
7			1/28/04 @ 1130		I - I	Brown							PID = 0
			'	1	Dense	Tan	Silty SAND, trace clay (clay sized particles). Mostly fine s	and, poorly graded.			Damp a	t 8'	FID = 137
				1			organic roots, twigs	, , , , ,					PID = 0
					Loose	Black	BURN LAYER, silty fine-coarse SAND, some gravel, fine	and coarse gravel		,			FID = 48
8						l	subangular to 1*, glass, charcoal, twigs, roots	and toures graver	. `	<i>r</i>			PID = 0
				1	1	-			L	_	<u> </u>		11D = 0
F	DRILLING R		GEOPROBE - LT					_				Tetra Tec	h NUS, Inc.
		CING BORIN						_ Note:					
1	OF SOIL SA		MACRO-CORE OF	en tube conti	nuous samplii	ng in 2' int	ervals	Non Revenetous -t- !	47-			- T	3-1
1	OF ROCK C		N/A					Non-Raymark waste loo	ation	1		[•	
1	VATER LEV		Diagonal Control			JEIL F · ·		1_2					
OTHER O	BSERVATIO	INS:	Phase II Flag Nu	mper 3/3	Former Lan	ofili Area	- near parking lot and soccer field	BORING NO.: 603A			i	PAGE:	1 OF 2

	BORING LOG FOR: Raymark OU9 PROJECT NO.: N1369					BORING NO.: 603A START DATE: 1/28/04					
LOGGED			K. Jalkut		·		TRANSCRIBED BY: RAC COMPLET		1/28/04		
		any/Driller):	Aquifer Drilling &	Testing/M. S	iarro		MON. WEL		N/A		
	RFACE ELI	•					ELEVATION FROM: CHECKED		JL		
				0				,,			
DEPTH (FEET) 8	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION	USCS or ROCK BRKN	(moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]	
		1' /	SBP-SO-603A-0810 Screening		Loose	Black	GRAVEL, fill/wood fill mixed with silty fine coarse sand, well graded, fill coarse sand, well graded, fine coarse subangular gravel ½* – 1 ½*	e GW/Fill	Saturated at approximately 9'. Poor recovery, compressed	FID = 4.7 PID = 0	
9		2'	1/28/04 @ 1145						fill or too loose to continue	FID = 8.2 PID = 1.2	
10					↓	↓	\	_			
				EOB @ 10' bgs			EOB @ 10' bgs - Backfill all holes (3) with Bentonite chips and topsoil 0')	(1'-			
								1.			
								,			
						1					
									1		
	<u> </u>			U.	lu-	1	1	3			
	DRILLING F		GEOPROBE – LT						Tetra Tech	NUS, Inc.	
		CING BORIN		CHNIQUE	inuoue eemali	na in O' into	Note:			<u> </u>	
METHOD OF SOIL SAMPLING: MACRO-CORE Open tube continuous sampling in 2' in METHOD OF ROCK CORING: N/A					uluous sampli	ng in ∠ intel	Non-Raymark	waste location		七	
GROUNDWATER LEVELS:											
OTHER O	BSERVATI	ONS:	Phase II Flag No	umber 373	Former Lar	ndfill Area – i	near parking lot and soccer field BORING NO.	BORING NO.: 603A PAGE: 2 OF 2			

PROJECT			N1369 J. Lambert				TRANSCRIBED BY: PP	START DATE: COMPLETION: DATE:	1/9/04 1/9/04	,
		any/Driller):	Aquifer Drilling & 1	Testing/Rob	Ulimano		TOURSONIBLE BTFF	MON, WELL NO.:	N/A	
GRD. SUF				· coungition	<u> </u>	*******	ELEVATION FROM:	CHECKED BY:	JD	
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION Top 0.4' – Asphalt – Not sampled	USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
	<u> </u>	1.1'	SBP-SO-604-0002		Slightly Loose	Tan	0' - 0.4' - Fine- medium SAND	SP	Moist .	PID-0.0 FID-0.0
1		2.0'	Screening 1/9/04 @ 0935			Gray Dark Gray	0.4' - 0.5' - Medium SAND 0.5' - 0.6' - Silty SAND	SM	1	
·				1			0.6' – 0.7' – Fine-medium SAND 0.7' – 1.1' – Silty fine SAND	SP SM		
2						\Box	V. III ONLY MID OF LID		1	
2		1.1' /	SBP-SO-604-0204	1	Loose	Dark Brown Gray	0' – 0.2' – Silty fine-medium SAND, trace coarse si 0.2' – 0.3' – Medium SAND			PID-0.0
		2.0	Screening		Loose	Dark Gray	0.3' - 0.4' - Similar material to above (color change		-	FID-0.0
3			1/9/04 @ 0940	1		Light Gray	0.4' - 0.5' - Medium-coarse SAND and shell fragm 0.5' - 1.1' - Medium SAND	nents		
						<u> </u>				
4				EOB @	+	\ \	★		V	
				4' bgs						
				1						
									4	
-				-		<u> </u>				
				<u> </u>	<u></u>	<u> </u>				
	DRILLING F		GEOPROBE - Trac	ck- mounted (Rig 2)				Tetra Tech	NUS, Inc.
		CING BORIN	G: <u>DIRECT- PUSH</u> MACRO-CORE Op	an tuba centi	nuoue eamala	e to A' in 3' into	nyale	_		$\overline{}$
METHOD	OF SOIL SA	ORING:	N/A	en tone cout	muous sample	O W HIZ HIR	I FEIG	<u> </u>	1	ᆸ
t	WATER LE' BSERVATK		Phase I Flag Nu	mber 499	Former Land	fill Area - near 3	Tennis Courts PID/FID = B	BORING NO.: 604	8105	
JOINERO	DOEKAWIK	/NO.	FRASCI FIAGINUS	HING! 400 .	- FORTIER LATIO	mirkica - neai i	Tennia courta - FIDITID - B	_ DURING NU.: 004	PAGE: 1	OF 1

604

Raymark OU9 RI/FS

BORING LOG FOR:

BORING L	NO.:	O.: N1369						BORING NO.: START DATE:		605 1/9/04		
LOGGED		45.114					TRANSCRIBED BY: RAC	COMPLETION: 0		1/9/04		
		any/Driller):	Aquifer Drilling &	resting/S. I	Przydyiski		ELEVATION EDOM:	MON. WELL NO	.:	N/A		
GRD. SUP	RFACE ELI	EVATION:					ELEVATION FROM:	CHECKED BY:		_ JL		
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL	SOIL DENSITY/ CONSIS. or ROCK	CLR	MATERIAL CLASSIFICATION		USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock	SCRE DA META	ELD ENING ATA HOD =
<u> </u>	NA	LLING.	SBP-SO-605-0002	PROF'L	HARD.	Danie	Golf Course			weathering; etc.)		(PPM)]
		2' /	Screening		Frozen	Brown	SAND, some silt. Fine-medium sand poorly graded, organ	nic roots	SM/Fill	Grass/root plug = approximately 0" (frozen)	0.0	PID 0.0
1		/ 2'	1/9/04 @ 1020			+						
						Red - Brown	Similar to above, with fewer organics - Trace fine gravel subrounded to ½"					
2						+	Silty SAND. Fine-medium sand poorly graded, rock fragm rock (2")	ents or broken			62	0.0
		1.3'	SBP-SO-605-0204			Brown	Silty SAND, trace gravel. Fine to coarse sand, well graded subrounded gravel ½" – ¾", rock fragments	d, fine and coarse				
		2'	Screening								 	┢
3	-		1/9/04 @ 1025						▼			
							SILT or DECOMPOSED MATERIAL with glass, ash, cloth	, metal fragments	ML/Fill		103	0.0
4						\			1			
				EOB @ 4' bgs			EOB @ 4' bgs - Backfill with bentonite chips (4'-1') and to	psoil (1'-0')				
			-									
									-			
				_							<u> </u>	-
<u>'</u>												
TVPE OF	DRILLING F	NG:	GEOPROBE – 4 X	4 Mule								
		RIG: ÇING BORIN		- Minis				Note:		Tetra Tech	NUS, I	nc.
	OF SOIL SA		MACRO-CORE OF	en tube con	tinuous sample	s to 4' in 2	intervals	FID/DID - 0			<u>.</u>	
ı	OF ROCK (•						FID/PID = C				
GROUNDWATER LEVELS:												
OTHER O						ormer Land	ffill Area	BORING NO.: 605 PAGE: 1 OF			1	

BORING I	OG FOR:		Raymark OU9 RIA	/FS				BORING NO .:		606	
PROJECT	NO.:		N1369					START DATE:		1/9/04	· - ·
LOGGED	BY:		J. Lambert				TRANSCRIBED BY: PP	COMPLETION: DAT	E:	1/9/04	
DRILLED	BY (Compa	any/Driller):	Aquifer Drilling &	Testing/Rob	Ullmann			MON. WELL NO .:		N/A	
GRD. SUF	RFACE ELE	EVATION:					ELEVATION FROM:	CHECKED BY:		JD	
	l		I		_	_					
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATÉRIAL CLASSIFICATION 0' – 0.3' – Grass/roots	RC	SCS or OCK RKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		1.6'	SBP-SO-606-0002		Slightly Loose	Yellow	0.3' - 0.4' - Silty-fine SAND trace organics (roots)	S	SM	Moist	PID = 0.0 FID = 0.0
1		2.0'	Screening 1/9/04 @ 1015		Loose	Light Gray	0.4' - 0.6' - Medium SAND, trace roots 0.6' - 0.7' - Fine-medium SAND	5	SP I		
							0.7' - 1.4' - Medium SAND, trace coarse sand				
2						+	1.4' – 1.6' – Fine-medium SAND	,	\downarrow		
		1.5'	SBP-SO-606-0204 Screening and			Gray Tan	0' – 0.2' – Fine-coarse SAND 0.2' – 0.5' – Medium-coarse SAND		SW SP		PID = 0.0 FID = 0.0
3		2.0'	Confirmation 1/9/04 @ 1020		Slightly Loose	Gray	0.5' - 0.6' - Fine-medium SAND, trace shells				
					Loose	Off White	0.6' - 0.7' - Medium SAND				
					Slightly Loose	Dark Gray	0.7' - 0.8' - Fine-medium SAND, trace shells	<u> </u>	Н		
4				1 3	Loose	Light Gray	0.8' - 1.5' - Medium SAND, trace coarse sand		↓	*	
				EOB @ 4' bgs					1		
				, ogo					\neg		ļ
				-				-	_		
			. 4						_		
									>		
										9.5	
TYPE OF	DRILLING F	RIG:	GEOPROBE – Trae	ck- mounted (I	Rig 2)					Tetra Tech	NIIS Inc
		CING BORIN	· · · · · · · · · · · · · · · · · · ·					•		Tella Tech	TVUS, IIIC.
METHOD	OF SOIL SA	MPLING:	MACRO-CORE OF	oen tube conti	nuous samples	s to 4' in 2' int	ervals				L Ì
	OF ROCK O		N/A					-			C)
	WATER LE										
OTHER O	BSERVATION	DNS:	Phase I Flag Nu	mber 781	Form	ner Landfill A	rea - near Tennis Courts FID/PID = B	BORING NO.: 606		PAGE: 1	OF 1

BORING LOG FOR:

BORING I	OG FOR:		Raymark OU9 RI/	FS			BORING	3 NO.:		607		
PROJECT	NO.:		N1369				START	DATE:		1/9/04		
LOGGED	BY:		K. Jalkut				TRANSCRIBED BY: RAC COMPL	ETION: DAT	E:	1/9/04	·	
DRILLED	BY (Compa	any/Driller):	Aquifer Drilling &	Testing/S. F	rzybylski		MON. W	VELL NO.:		N/A		
GRD. SUF	RFACE ELE	EVATION:					ELEVATION FROM: CHECK	ED BY:		JL		
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION	R	SCS or OCK RKN	REMARKS (moisture condition; odors; geological classification; rock	SCREI DA METH	ELD ENING ATA HOD =
	14/4	ELITO.	SBP-SO-607-0002	PROFL	Loose	Red -	Golf Course SAND, some silt, trace gravel. Fine-medium sand with trace coarse	cand Ch		weathering; etc.)		(PPM)]
		1.6'	Screening		Loose	Brown	poorly graded, fine gravel subrounded to ½*, organic roots	sano, Sn		Grass/root plug = approximately 2" (frozen)	FID 0.0	PID 0.0
1		/ 2'	1/9/04 @ 1040		\	↓	\	- 1				
					Dense	Yellow – Brown	Silty SAND. Fine-medium sand, poorly graded, rock chips, organic r	roots				
2					Loose	Gray Brown	Similar to above, with glass, plastic, metal fragments, organic roots/s	reeds		Damp		
		1.6'	SBP-SO-607-0204]			Silty SAND, trace gravel. Fine-medium sand, fine gravel to ½"				107	0.0
 		/ 2	Screening	1			- alternating 1" - 2" intervals of fine-medium gray sand every 6	5" – 8"				
3		/	1/9/04 @ 1045			↓		- 1				
						Black	 metal pieces, glass, well graded, fine and coarse gravel subr to 1", rock fragments 	ounded			235	0.0
4					+	+	Similar to above, with more fine to coarse sand		↓	Damp	75	0.0
				EOB @ 4' bgs			EOB @ 4' bgs - Backfill with bentonite chips (4'-1') and topsoil (1'-0')				
							·					
,												
									,			
								_			-	
<u> </u>	ļ					 		-			-	
ļ				:								
TYPE OF	DRILLING F	RIG:	GEOPROBE – 4 X	4 Mule						Tetra Tech	NIIS	nc
1		CING BORIN								1000 100		110.
4	OF SOIL SA		MACRO-CORE O	pen tube con	tinuous sample	es to 4' in 2'	intervals			(ŒÌ	
1	OF ROCK		N/A								T	
1	WATER LE											
OTHER O	BSERVATI	ONS:	Phase I Flag	Number 37:	2 F	ormer Lanc	fill Area BORING N	VO.: 607		PAGE:	1 OF	1

PROJECT LOGGED DRILLED	BY:	any/Driller): EVATION:	N1369 J. Lambert Aquifer Drilling &		Ullmann		TRANSCRIBED BY: PP CO	RING NO.: ART DATE: MPLETION: DATE: DN. WELL NO.: ECKED BY:	1/9/04 1/9/04 N/A JD	
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION 0' - 3' - Grass/roots	USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		1.5' 2.0'	SBP-SO-608-0002 Screening		Loose	Light Gray Gray	0.3' - 0.7' - Fine-medium SAND 0.7' - 0.8' - Silty-fine SAND, some organics (roots) trace m	SP nedium sand SM	top 0.5' = Frozen Moist	PID = 0.0 FID = 0.0
1			1/9/04 @ 1040	_		Light Gray	0.8' 1.3' - Medium-coarse SAND	SP		
2							1.3' – 1.5' – Fine-coarse SAND	SW		
		1.4'	SBP-SO-608-0204 Screening				0' – 0.4' – Fine-medium SAND, trace rounded gravel	SP		PID = 8.0 FID = 0.0
3		2.0	1/9/04 @ 1045		·	Orange/ Gray	0.4' – 0.5' – Fine-medium SAND, trace silt 0.5' – 1.2' – Fine SAND, some medium sand			
					₩	Dark Gray	<u> </u>		41	
4					Slightly Loose	Gray Black	1.2' – 1.3' – Fine SAND 1.3' – 1.4' – Silty fine SAND	SM	 	
				EOB @ 4' bgs						
						<u> </u>				
									_	
,		1				ļ. <u></u>			_	
				_				,		
]								
				<u></u>						
METHOD METHOD METHOD	DRILLING I OF ADVAN OF SOIL S. OF ROCK I	ICING BORIN AMPLING: CORING:	GEOPROBE – Tra DIRECT- PUSH MACRO-CORE O N/A			s to 4' in 2' int	ervals		Tetra Tec	NUS, Inc.

Phase I Flag Number 182 Former Landfill Area - near Tennis Court - FID/PID = B

OTHER OBSERVATIONS:

PAGE:

BORING NO.: 608

PROJECT			N1369				TRANSCRIPT DV PAG	START DATE:		1/9/04		
LOGGED		· · ·	K. Jalkut	T#10 F	Turn de de lat		TRANSCRIBED BY: RAC	COMPLETION: D		1/9/04		
		any/Driller):	Aquifer Drilling &	resting/5. F	rzydyiski		ELEVATION FROM:	MON. WELL NO. CHECKED BY:	•	N/A JL		
GRD. SUR	RFACE ELE	EVATION:					ELEVATION PROMI.	OFFICINED DT.		JL_	2.0	
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION Golf Course		USCS or ROCK BRKN	(moisture condition; odors; geological classification; rock weathering; etc.)	SCREI DA METH	ELD ENING ATA HOD = (PPM)]
			SBP-SO-609-0002		Frozen	Red -	SAND, some silt, trace gravel. Fine-medium sand poorly	graded, fine gravel	SM/Fill	Grass/root plug =	FID	PID
		2' 2'	Screening			Brown	subrounded to 1/2"		-	approximately 2" (frozen)	0.0	0.0
1			1/9/04 @ 1050			\perp						
					Loose		Similar to above, with rock fragments (2")					
2						+	- glass, metal fragments, organic material					
		1.7'	SBP-SO-609-0204 Screening and			Gray – Brown	SAND, some silt. Fine-medium sand poorly graded		$\overline{\downarrow}$		0.0	0.0
3		2'	Confirmation 1/9/04 @ 1055			Yellow – Brown	GRAVEL/ASPHALT layer, fine and coarse gravel to 1" su	ıbangular	GP/Fill			
						Black	SAND, some silt, with charred wood, organic roots/reeds		SM/Fill			
4					+		Ţ		\downarrow		0.0	0.0
				EOB @ 4' bgs			EOB @ 4' bgs - Backfill with bentonite chips (4'-1') and to	opsoil (1'-0')				
				-								
									-			
		•		-	-							
,			:		<u>-</u>							
				- -		-			\$			
						-						
ļ <u></u>												
	DRILLING I	RIG: ICING BORIN	GEOPROBE - 4 X	(4 Mule						Tetra Tech	NUS, I	nc.
METHOD	OF SOIL S	AMPLING:	MACRO-CORE O	pen tube con	itinuous sampl	es to 4' in 2	' intervals				E)	
	WATER LE											
OTHER O	BSERVATI	ONS:	Phase I Fla	g Number 36	3 1	Former Land	dfill Area	BORING NO.: 609	9	PAGE: 1	OF	1

609

Raymark OU9 RI/FS

PROJECT			Raymark OU9 F N1369	RI/FS		······································		BORING NO.: START DATE:		610 1/9/04		·····
LOGGED			J. Lambert				TRANSCRIBED BY: PP P	COMPLETION: DA		1/9/04	<u>. </u>	
	BY (Compa		Aquifer Drilling &	& Testing/Rol	b Ullmann			MON, WELL NO.:		N/A		
GRD. SUF	RFACE ELE	EVATION:				·	ELEVATION FROM:	CHECKED BY:		JD		
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION 0' – 0.3' Grass/roots	F	USCS or ROCK BRKN	(mois odo: class	ture condition; s; geological ification; rock thering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		1.7'	SBP-SO-610-0002		Loose	Light	0.3' - 0.8' - Fine-medium SAND, trace coarse sand, trace (roots)	ce organics	sw	Moist		FID = 0.0 PID = 0.0
1		2.0'	Screening 1/9/04 @ 1105			Dark Gray	0.8' 1.2' Fine-medium SAND		SP I			
				1	+	Gray	1.2' 1.4' Fine-medium SAND					<u> </u>
					Slightly Łoose	Brown	1.4' - 1.6'- Fine-medium SAND, trace silt		+			ļ
2					Loose	Gray	1.6' – 1.7' – Fine-medium SAND		▼			
		1.4' /	SBP-SO-610-0204	1		Light Gray	Fine-medium SAND, trace coarse sand, trace rounded go	ravel	SW			FID = 0.0 PID = 0.0
		2.0'	Screening			-			\vdash			
3			1/9/04 @ 1110				:					
				-								
Ì												l.
				1		-			Ţ			
4							▼		•			
				EOB @								
				4' bgs		-						
				-		-						
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				-1							···	
									١.			
			<u> </u>									
TYPE OF	DRILLING F	RIG:	GEOPROBE - T	rack- mounted	(Rig 2)						Tetra Tech	NUS Inc
	OF ADVAN				· · · · · · · · · · · · · · · · · · ·						, 5.5 4 7 4 5 1	,100, mc.
	OF SOIL SA		MACRO-CORE	Open tube cor	ntinuous sampl	es to 4' in 2' i	ntervals				│ ॔ चाः	L
	OF ROCK (N/A								[#]	L. j
	WATER LE					150.						
OTHER O	BSERVATION	ONS:	Phase I Flag	Number 7783	Former L	andfill Area-ne	ear Tennis Courts FID/PID = B	BORING NO.: 610			PAGE: 1	OF 1

BORING L	OG FOR:		Raymark OU9 RI/	FS				BORING NO.:		611		
PROJECT	NO.:		N1369					START DATE:		1/9/04		
LOGGED	BY:		K. Jalkut				TRANSCRIBED BY: RAC	COMPLETION: [ATE:	1/9/04		
DRILLED	BY (Compa	any/Driller):	Aquifer Drilling &	Testing/S. I	^o rzybylski		- · · · · · · · · · · · · · · · ·	MON. WELL NO	:	N/A		
GRD. SUF	RFACE ELE	EVATION:		/			ELEVATION FROM:	CHECKED BY:		JL		
							AND AND AND AND AND AND AND AND AND AND			A. van was was was a same a sa		
DEPTH	BLOWS	SAMP REC.	SAMPLING TIME	DEPTH	SOIL		MATCOIAL		uscs	REMARKS		ELD
(FEET)	PER 6*	1	&	MAT'L CHG./	DENSITY/ CONSIS.		MATERIAL CLASSIFICATION		or	(moisture condition; odors; geological		ENING
(,	ס	SAMP	SAMPLE NO.	WELL	or ROCK	CLR	CEAGGIIICATION		ROCK	classification; rock		HQD =
0	NA	LENG.	(QA/QC STATUS)	PROF'L	HARD.		Golf Course		BRKN	weathering; etc.)		(PPM)]
			SBP-SO-611-0002		Frozen	Red -	SAND, some silt, trace gravel. Fine-medium sand poor	ly graded, fine and	SM/Fill	Grass/root plug	FID	PID
		1.8'	Canadina			Brown	coarse gravel subangular to 1"				0.0	0.0
		/ 2°	Screening									
1			1/9/04 @ 1110		Loose	Brown	Silty SAND. Fine-medium sand poorly graded, organic	roots				ŀ
<u> </u>				1		i						
						-	V		-			
2		1			1 1		ASPHALT/ROCK FRAGMENTS at end of liner		GP/Fill	Damp at 2'	0.0	0.0
			SBP-SO-611-0204	-	 		Silty SAND, some gravel. Fine to coarse sand, well gra	ided fine and coarse	SM/GM	Damp at 2	+	
		2' /	357-30-071-0204				gravel subrounded to ¼" – 1"	idea, illie alsa coalse	Fill		0.0	0,0
			Screening		\vdash	 	<u> </u>		' '''	1		
		/ 2'	4/0/04 @ 4445									
3			1/9/04 @ 1115	4		 						<u> </u>
											ł	· .
				-		<u> </u>						
ŀ					1 1		↓ ↓		↓		0.0	0.0
4					V	*	\				0.0	1 0.0
				EOB @								
				4' bgs			EOB @ 4' bgs - Backfill with bentonite chips (4'-1') and	l topsoil (1'-0')				Ì
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	<u> </u>			İ	<u> </u>		<u> </u>		L	<u> </u>		<u></u>
TYPE OF	DRILLING F	RIG:	GEOPROBE – 4 X	4 Mule			· · · · · · · · · · · · · · · · · · ·	_		Tetra Tec	h NI IS	no
		CING BORIN						_		Tetta Tett	11403, 1	HG.
i	OF SOIL SA		MACRO-CORE OF	pen tube cor	tinuous sample	es to 4' in 2	' intervals	_			-)	
	OF ROCK (N/A					_			TC!	
)	WATER LE							_			ニノ	
	BSERVATION		Phase I Flag	Number 36	2 F	ormer Lan	dfill Area	BORING NO.: 61	1	PAGE:	1 OF	1

BORING L	OG FOR:		_Raymark OU9 Rt/	FS				BORING NO.:		612		
PROJECT	`NO.:		N1369					START DATE:		1/9/04	1	
LOGGED	BY:		J. Lambert				TRANSCRIBED BY: PP	COMPLETION:	DATE:	1/9/04	ļ	
DRILLED	BY (Compa	any/Driller):	Aquifer Drilling &	Testing/Rob	Ulimann			MON. WELL NO).:	N/A		
GRD. SUF	RFACE ELE	VATION:					ELEVATION FROM:	CHECKED BY:		JD		
		04140	04401010	- Terreson of		2 0000000000000000000000000000000000000	A CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CAN					
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP	SAMPLING TIME & SAMPLE NO.	MAT'L CHG./ WELL	SOIL DENSITY/ CONSIS. or ROCK	CLR	MATERIAL CLASSIFICATION		USCS or ROCK BRKN	(mois odo: class	EMARKS ture condition; rs; geological iffication; rock	FIELD SCREENING DATA METHOD =
0	NA	LENG.	(QA/QC STATUS)	PROF'L	HARD.		0' - 0.3' - Grass/roots				thering; etc.)	[FID, (PPM)]
		1.4'	SBP-S0-612-0002		Slightly Loose	Light Brown	0.3' – 1.4' – Fine-medium SAND, trace coarse sa (roots)	nd, some organics	sw I	Moist 		FID = 0.0 PID = 0.0
1		2,0'	1/9/04 @ 1120]		
<u> </u>				1		 						
						 						
2					♦			İ	↓			
			SBP-S0-612-0204	1	Loose	\ \	0' - 0.5' - Similar material to above		SP			FID = 0.0
		1.5'	Screening			Tan	0.5' - 0.7' - Medium-coarse SAND	_	1			PID = 0.0
3		2.0'	1/9/04 @ 1125		Slightly Loose	Black	0.7' - 0.9' - Medium SAND					
<u> </u>	 		1,5,51 @ 1125	-	Loose	Dark Gray	0.9' - 1.5' - Medium SAND, trace coarse sand					
						Juni City	5.5 1.0 Modelli o ito, ildoo coulos dalla					
 						 - - - - - - - - - -			-	1		-
4					<u> </u>	+			+	*		
				EOB @ 4' bgs								
				1	-							
									<u> </u>			
							1			:		
				1								
				-	<u> </u>				*			
				1 .								
					70163							
1	DRILLING F		GEOPROBE Trac	ck- mounted (Kig 2)						Tetra Tech	NUS, Inc.
1	OF SOIL SA	CING BORIN	MACRO-CORE OF	nen tube conti	inuous samples	s to 4' in 2' inte	ervals	_				\Box
1	OF ROCK (N/A	tabe colli	.,Loud Samples	- (n) & ni(c	· · · · · · · · · · · · · · · · · · ·	_				
1	WATER LE							- .				
1	BSERVATION		Phase I Flag Nu	mber 784	Former Landfil	l Area-near Te	ennis Courts FID/PID = B	BORING NO.: 6	12		PAGE: 1	OF 1

PROJECT	NO.:		N1369					START DATE:		<u> 1/9/04</u>		
LOGGED			K. Jalkut				TRANSCRIBED BY: RAC	COMPLETION: D	ATE:	1/9/04		
DRILLED	BY (Compa	any/Driller):	Aquifer Drilling &	Testing/S. F	Przybylski			MON. WELL NO.	:	N/A		
GRD. SUF	RFACE ELI	EVATION:					ELEVATION FROM:	CHECKED BY:		JL		
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION Golf Course		USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	l DA	ENING TA HOD =
		i	SBP-SO-613-0002		Frozen	Red -	SAND, some silt. Fine-medium sand, poorly graded, seas	hell fragments	SM/Fill	Grass/root plug =	FID	PID
		1.8' 2'	Screening		Loose	Brown	SAND. Mostly fine sand, poorly graded, trace medium san	nd, seashells	SP/Fiil	approximately 2" (frozen)	0,0	0.0
1			1/9/04 @ 1135	-								
2				_								
		1.8'	SBP-SO-613-0204 Screening		<u></u>	<u> </u>	↓		+	Gravels or rock fragments separate		
3		2'	1/9/04 @ 1140		Dense	Dark Brown	Silty SAND, some gravel. Fine to coarse sand, well grade gravel subrounded-subangular ½" – 1"	ed, fine and coarse	SM/Fill	layers	29,3	0.0
					1	T +	↓		+	_		
4					Loose	Gray	SAND. Fine-medium sand, poorly graded, seashells		SP/Fill	Damp	7.0	0.0
				EOB @ 4' bgs			EOB @ 4' bgs - Backfill with bentonite chips (4'-1') and to	psoil (1'-0')				
	-			1								
				-					*	 		
									-	1		
TYPE OF	DRILLING I	RIG:	GEOPROBE – 4 X	(4 Mule	(6)					Tetra Tech	NUS	nc
		CING BORIN								10110 1001	7100, 11	70.
METHOD	OF SOIL S	AMPLING:	MACRO-CORE C	pen tube con	tinuous sample	es to 4' in 2	' intervals				_]	
METHOD	OF ROCK	CORING:	N/A								إما	
GROUND	WATER LE	VELS:										
OTHER C	BSERVATI	ONS:	Phase I Fla	g Number 36	4 F	ormer Lan	dfill Area	BORING NO.: 613	3	PAGE: 1	OF	1

613

Raymark OU9 RI/FS

BORING L	OG FOR:		Raymark OU9 Rt/	FS				BORING NO.:		614	
PROJECT			N1369					START DATE:		1/9/04	
LOGGED		100-111	J. Lambert				TRANSCRIBED BY: PP	COMPLETION: DA		1/9/04	
	BY (Compa		Aquifer Drilling &	l esting/Rob	Ullmann		ELEVATION EDOM	MON. WELL NO.:		N/A	
GRD. SUF	RFACE ELE	VATION:				_	ELEVATION FROM:	CHECKED BY:		JD	
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION 0' - 0.3' - Grass/roots	1	USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		1.7'	SBP-SO-614-0002		Loose	Brown	0.3' – 0.8' – Fine-coarse SAND, trace silt, trace or	ganics (roots)	sw 	Moist	PID = 0.0 FID = 0.0
1		2.0'	Screening 1/9/04 @ 1135			Light Brown	0.8' – 1.3' – Fine-coarse SAND, trace subrounded	gravel	\]	
						Dark Brown	1.3' – 1.6' – Fine-medium SAND, trace silt		SP		
2						Light Brown	1.6' – 1.7' – Fine-coarse SAND		SW		
		1.3'	SBP-SO-614-0204		Slightly Loose	+	0' 0.1' Silty fine SAND, trace gravel (subrounded)	ed)	SM		PID = 0.0 FID = 0.0
3		/2.0'	1/9/04 @ 1140		Loose	Gray	0.1' - 0.7' - Medium, coarse SAND, some shells		SP 		
							0.7' – 1.3' – Fine-medium SAND, trace shells				
4									\downarrow	1 ↓	
				EOB @ 4' bgs							
				9							
									-		
									*		
TYPE OF	DRILLING R	IG:	GEOPROBE - Trac	ck- mounted (i	Rig 2)					Tetra Tecl	NUS, Inc.
		CING BORIN						_			
	OF SOIL SA OF ROCK C		MACRO-CORE OF N/A	pen tube conti	nuous samples	to 4' in 2' int	ervals	_			t
I .	WATER LEV					- Jeil à	Table Out to Fig. 19	Inongo			
LOTHER O	BSERVATIO	NS:	Phase I Flag Nu	mber 785	Former La	nomii Area-ne	ar Tennis Court area - FID/PID = B	BORING NO.: 614		PAGE:	1 OF 1

OTHER OBSERVATIONS:

Phase I Flag Number 785

PAGE: 1 OF

BORING NO.: 614

BORING I	OG FOR:		Raymark OU9 RI	/F\$				BORING NO.:		615			
PROJECT	NO.:		N1369					START DATE:		1/9/04			
LOGGED	BY:		K. Jalkut				TRANSCRIBED BY: RAC	COMPLETION: DA	ATE:	1/9/04		•	
		any/Driller):	Aquifer Drilling &	Testing/S. F	^o rzybylski			MON. WELL NO.:		N/A			
GRD. SUF	RFACE ELI	VATION:					ELEVATION FROM:	CHECKED BY:		JL			
				-			A SA SA WAY SHARA WAY WAY WAY WAY AND AND WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Contract to the contract of th			
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION Golf Course		USCS OF ROCK BRKN	(moist odor class	EMARKS ure condition; s; geological fication; rock hering; etc.)	SCREI DA METH	ELD ENING ATA HOD = (PPM)]
		1.8'	SBP-SO-615-0002		Frozen	Dark Brown	Silty SAND, trace gravel. Fine-medium sand, poorly gr subrounded to ½", glass, seashells, organic roots	aded, fine gravel	SM/Fill	Grass/rod	ot plug =	FID 0.0	PID
1		1.8 2	Screening 1/9/04 @ 1200		Loose	-	1		+	(frozen)	,	0.0	0.0
				1		Gray	BROKEN ROCK – SCHIST. Weathered and oxidized	pieces	Rock Fill			0.0	0.0
2						Tan - Gray	SAND, some silt. Fine-medium sand, poorly graded, s	eashells	SM/Fill	Damp		0.0	0.0
		2'	SBP-SO-615-0204		+	Gray	SAND. Fine-medium sand, poorly graded, seashells		+	Oxidized	araine		
3		2'	1/9/04 @ 1205	greening 9/04 @ 1205			Silty SAND, some gravel. Fine-medium sand, trace co coarse gravel subrounded-subangular, rock fragments, possible asphalt		SM/GM Fill	OXIGIZEG	grains	0.0	0.0
4					 	+	↓		<u> </u>			0.0	0.0
				EOB @ 4' bgs		_	EOB @ 4' bgs - Backfill with bentonite chips (4'-1') and	topsoil (1'-0')					
				1									
				1									
				1					\$				
			- ' '										
				15									
TYPE OF	DRILLING	RIG [.]	GEOPROBE – 4 X	4 Mule							Tetra Tech	NIIS I	nc
1		CING BORIN			<u> </u>						Tolla Tech	7100, 1	110.
	OF SOIL S		MACRO-CORE O	pen tube con	ntinuous sampl	les to 4' in	2' intervals	_			(⊾ì	
METHOD	OF ROCK	CORING:	N/A										
1	BSERVATI		Phase I Fla	g Number 38	8 f	Former Lar	dfill Area	BORING NO.: 615			PAGE:	OF	1

BORING L			Raymark OU9 RI/ N1369	FS			BORING START		616 1/12/04	
LOGGED	BY:		J. Lambert					ETION: DATE:	1/12/04	
DRILLED	BY (Compa	ıny/D ri ller):	Aquifer Drilling &	Testing/Rob	Ullmann	 -		/ELL NO.:	N/A	
GRD. SUF	RFACE ELE	VATION:					ELEVATION FROM: CHECK	=D BY:	JD	
DEPTH	BLOWS PER	SAMP REC.	SAMPLING TIME	DEPTH MAT'L	SOIL Density/	To account to the second of th	MATERIAL	USCS or		FIELD SCREENING
(FEET)	6" NA	SAMP LENG.	& SAMPLE NO. (QA/QC STATUS)	CHG./ WELL PROF'L	CONSIS. or ROCK HARD.	CLR	CLASSIFICATION 0' - 0.3' - Grass/roots (frozen)	ROCK BRKN	geological classification; rock weathering; etc.)	DATA METHOD = [FID, (PPM)]
		1.9'	SBP-SO-616-0002 Screening		Slightly Loose	Brown	0.3' – 1.4' – Fine-coarse SAND, some silt, trace gravel, trace o (roots)	rganics SW	Moist	PID = 0.7 FID = 1.1
1		2.0'	1/12/04 @ 1215		→	Dark Danie	4.4.4.0. Fine source SAND some ails trace ground trace ch	arcoal SW/Fill		
			Screening DUP 15 1/12/04 @ 1220		Loose	Dark Brown	1.4' – 1.9' – Fine-coarse SAND some silt, trace gravel, trace cha	II.COM SVV/F81	-	
2			SBP-SO-616-0204	-			0' – 0.5' – Similar material to above			PID = 0.4
		0.9'	Screening		Slightly	Brown	0.5' – 0.6' – Plastic, glass, some fine-coarse SAND	₩	_	FID = 0.0
3		/ 2.0	1/12/04 @ 1225	-	Loose	Off-White	0.6' – 0.65' – Gooey material, caulk-like	_		
					<u> </u>	Yellow	0.65' 0.9' Newspaper, compacted and deteriorated		1	
4				EOB @ 4'	\	1611011	0.00 * 0.0 * Notispapar, compacted and detailed		*	
				bgs						
		<u>.</u>							_	
									ļ	
									_	
		1								
				<u> </u>						<u></u>
TYPE OF	DRILLING	RIG:	GEOPROBE – Tra	ick- mounted ((Rig 2)				Tetra Tech	NUS, Inc.
1		ICING BORIN	NG: DIRECT- PUSH							$\overline{}$
4	OF SOIL S		MACRO-CORE O	pen tube conti	inuous sample	s to 4' in 2' inte	ervals			-
	OF ROCK		_N/A						["	L)
	WATER LE		Phone I Fine No.	imber 330	Former Land	ifill Area - nark	ing lot for Golf School/Course FID/PID = C BORING	NO.: 616	PAGE:	OF 1
OTHER	BSERVATI	UNS:	Phase I Flag No	THIDEL 338	ronner Land	mi viea - haik	HIS IOCIO, COII CONCOURS TIDA ID - O TEORING I	····	FAGE.	<u> </u>

PROJECT			N1369		<u> </u>		_	START DATE:			1/12/04		
LOGGED		any/Driller):	K. Jalkut Aquifer Drilling &	Testing/S I	Drzybyleki		_	TRANSCRIBED BY: RAC COMPLETION: DA MON. WELL NO.:	AIE:	_	1/12/04 N/A		
	RFACE ELE		Addited Directly &	Testing/S. I	TIZYDYISKI	•	_	ELEVATION FROM: CHECKED BY:			JL		
DEPTH	DEPTH PER 6" SAMP SAMPLING TIME & SAMPLENO. (QA/QC STATUS) SAMP SAMPLE NO. (QA/QC STATUS) SBP-SO-617-0002 2' 2' Screening			DEPTH MAT'L	SOIL DENSITY/	Т		MATERIAL.	US	cs	REMARKS (moisture condition;	SCRE	LD ENING
(FEET) 0	-	SAMP	SAMPLE NO.	CHG./ WELL PROF'L	CONSIS. or ROCK HARD.	C	LR	CLASSIFICATION Golf Course	RO BR	ck	odors; geological classification; rock weathering; etc.)	METH	TA HOD = [PPM)]
		. /			Frozen		ark own	SAND, some silt, trace rock fragments/gravel. Fine-medium sand, poorly graded, fine gravel/rock fragment subangular to ½", organic roots, plastic	SM	/Fill	Grass/root plug = approximately 4" (frozen)	FID 14	PID 0.0
1		/ 2°	_			Br	rown	Silty SAND, some gravel. Fine-medium sand, some coarse sand, poorly graded, fine and coarse subangular gravel to ½" – 1", glass, rubber			(IIOZOII)		
					<u> </u>		\	V			Damp	21	0.0
2					Loose		Brown lack	Silty SAND, some gravel. Fine sand, trace medium sand, poorly graded, fine and coarse gravel subrounded to $\frac{1}{2}$ " , organic material, metal debris			Dry	95	0.0
		1.7'	SBP-SO-617-0204 Screening and				\					13.3	0.0
3		/ 2°	Confirmation 1/12/04 @ 1235				ayish rown	SAND, some silt. Fine sand, trace medium sand, poorly graded		_			
		 				Dark	Brown	ROCK CHIPS approximately 3°	F	ill	Damp	3	0,0
4					<u> </u>		<u> </u>	Silty SAND, some organics, trace gravel. Fine medium sand, poorly graded, coarse gravel subrounded to 1 ½"	SM	/Fill	Samp	63	0.0
				EOB @ 4' bgs				EOB @ 4' bgs – Backfill with bentonite chips (4'-1') and topsoil (1'-0')					
-													
									,				
		1									2.		
	DRILLING F		GEOPROBE – 4 X	4 Mule				Notes:			Tetra Tech	NUS, I	nc.
METHOD	OF ADVAN OF SOIL S/ OF ROCK (IG: DIRECT- PUSH MACRO-CORE O N/A	pen tube cor	ntinuous sam	ples to	4' in 2' i					F	
GROUND	WATER LE BSERVATI	VELS:		umber 437	Forme	r Landfi	ll Area	BORING NO.: 617			PAGE: 1	OF	1

617

BORING LOG FOR:

OTHER OBSERVATIONS:

Raymark OU9 RI/FS

Phase I Flag Number 437

PAGE: 1 OF

BORING L			Raymark OU9 RI/	153	 			BORING NO.:		618		
PROJECT LOGGED			N1369 J. Lambert				TRANSCRIPED BY: DD	START DATE:	D 4 7 F	_1/12/		
		any/Driller):	Aquifer Drilling &	Testing/Rob	Lillmann		TRANSCRIBED BY: PP	COMPLETION: MON. WELL N		1/12/	04	
	RFACE ELE		Aquiter Drining &	resungricos	Oimani		ELEVATION FROM:	CHECKED BY:		N/A _JD		
0.00.001		-17111011.					LELTATION I TOM:	CHECKED DI.	'			
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION Top 0.5' = Asphalt		USCS or ROCH BRKN	(mois odo clas:	REMARKS sture condition; ors; geological sification; rock	FIELD SCREENING DATA METHOD =
		1.3'	SBP-SO-618-0002	THOLE	Slightly Dense	Dark Red	0' - 0.5' - Fine-Medium SAND, trace coarse sand	, trace silt	SW	Moist	athering; etc.)	[FID, (PPM)] PID = 0.0 FID = 0.0
1		2.0'	Screening 1/12/04 @ 1255		Slightly	Dark Brown	0.5' – 1.3' – Fine-Coarse SAND, trace silt, some g	Harr tropp	SW/Fil			FID = 0.0
					Loose	Dank Brown	plastic, some asphalt pieces, wood, n		SW/File			
2		40	SBP-SQ-618-0204	-		Dark Brown	0.' – 0.5' – Fine-coarse SAND, some silt, trace gla	ss and slag				PID = 0.0
3		2.0'	Screening and Confirmation 1/12/04 @ 1300			Brown	0.5' - 0.7' Fine-medium SAND, trace gravel		SP	-		FID = 0.5
				1		Light Brown	0.7' – 1.2' – Silty fine-medium SAND, trace coarse wood fragments, asphalt (degraded) i	sand, some in nose	SM/FIL			
4										 		
				EOB @ 4' bgs						_		
				-						_		<u></u>
		ļ								-		
				1						-		
,	_								,			
				1							,	
METHOD (METHOD (METHOD (GROUND)	OF SOIL SA OF ROCK O WATER LEV	CING BORIN AMPLING: CORING: VELS:	MACRO-CORE Op N/A	pen tube conti	nuous samples			Note: 1 st attempt i recovery – possibl Will move over an	y pushing d try agai	ı a cobble.	Tetra Tech	NUS, Inc.
OTHER OF	RSERVATIO	าพร∙	Phase I Flag Numi	her 339	Former Land	lfill Area – nark	ing let by Gelf Club FID/PID = C	BORING NO. 6	319		DACE: 4	05

PROJECT	NO.:		N1369	1/FS			START DATE:	DATE	1/12/04		
LOGGED		nu/Drillarly	K. Jalkut Aquifer Drilling &	Toeting/S	Drzybylcki		TRANSCRIBED BY: RAC COMPLETION: MON. WELL NO		1/12/04 N/A		
	RFACE ELE	iny/Driller): EVATION:	Addited Diffulling o	r reatingro.	r izybyiaki		ELEVATION FROM: CHECKED BY:	/	JL		
G112.001				_				.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
DEPTH (FEET)	BLOWS PER 6* NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD./	CLR	MATERIAL CLASSIFICATION Golf Course	USCS or ROCK BRKN	(moisture condition; odors; geological classification; rock weathering; etc.)	METH. [FID, (ENING TA HOD = [PPM)]
		1.9' /	SBP-SO-619-0002		Frozen	Gray - Brown	SAND, trace silt, trace gravel. Fine-medium sand, poorly graded, fine gravel subrounded to %", rock chips, organic material	SP/Fill	Grass/root plug = approximately 3"	9.0 0.0	PID 0.0
1		/ 2'	Screening 1/12/04 @ 1240						- (frozen)		
					—		•	+		0.0	0.0
2					Loose	Dark Brown Black	Silty SAND, some gravel. Fine sand, trace medium sand, poorly graded, fine gravel subrounded to ½", organic reeds/roots, wood	SM/Fill	Damp	33.3	0,0
		2' /	SBP-SO-619-0204		Dense	Dark Brown	Silty SAND, some gravel. Fine-medium sand, poorly graded, fine and coarse gravel subrounded-subangular , organic material (degraded reeds/roots)	,		0.0	0.0
3		2'	Screening 1/12/04 @ 1245				↓				
					Loose	Gray	SAND. Fine sand, poorly graded	SP/Fill		44.0	0,0
4							Silty SAND, some gravel, some organics, charred wood, glass, organics, fine-medium sand, poorly graded	SM/Fill	Pasty – damp to wet	330	4.7
				EOB @ 4' bgs			EOB @ 4' bgs – Backfill with bentonite chips (4'-1') and topsoil (1'-0')				
				1	<u> </u>					+	
										_	
				1	,						
								,			
									1	-	
				4	US.	<u> </u>					<u> </u>
1	DRILLING I	RIG: CING BORIN	GEOPROBE - 4	X 4 Mule		-		-	Tetra Teci	h NUS, I	nc.
METHOD	OF SOIL S	AMPLING:	MACRO-CORE (Open tube co	ontinuous sar	nples to 4' in 2	'intervals			t)	
	WATER LE										
OTHER C	BSERVATI	ONS:	Phase I Flag N	lumber 436	Forme	er Landfill Area	BORING NO.: 6	19	PAGE:	1 OF	1

	NO.:		Raymark OU9 RI/ N1369 J. Lambert Aquifer Drilling &		o Ulimann		TRANSCRIBED BY: PP COM MON	RING NO.: RT DATE: MPLETION: [N. WELL NO CCKED BY:		620 1/12/04 1/12/04 N/A JD	
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG/ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION Top 0.5' – Asphalt (removed with star bit)		USCS or ROCK BRKN	(moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		1.6'	SBP-SO-620-0002	TROFE	Slightly Loose	Dark Red	0' - 1.1' - Fine-coarse SAND, trace fine gravel (subrounded-rotrace silt	ounded),	sw	Moist	PID = 0.0 FID = 1.0
1		2.0'	Screening 1/12/04 @ 1315		Slightly Dense	Brown	1.1' – 1.3' – Silty fine SAND, trace coarse sand		SM		
		-				Light Brown	1.3' – 1.6' – Silty fine-coarse SAND				
2					<u> </u>	₩			¥		
		2.0'	SBP-SO-620-0204 Screening		Slightly Loose	Black	0' – 0.5' – Fine-coarse SAND, some silt, some gravel		sw		PID = 0.0 FID = 4.0
3		/2.0'	1/12/04 @ 1320				0.5' – 1.7' – Sifty fine-coarse SAND, trace rounded-subrounde some glass, trace asphalt pieces	ed gravel,	SM/FILL		
							1.7' – 2.0' – Fine-sandy SILT		ML		
4						<u> </u>				<u></u>	
			i i	EOB @ 4' bgs							
			Į)								
				1					>		
		<u> </u>									
TYPE OF	DRILLING R	IG:	GEOPROBE - Tra	ick- mounted	(Rig 2)					Tetra Tec	h NUS, Inc.
METHOD	OF ADVANC	CING BORIN									
t .	OF SOIL SA		MACRO-CORE O	pen tube cor	ntinuous samp	oles to 4' in 2' is	ntervals				7 3
1	OF ROCK C		N/A								

Former Landfill Area - parking lot next to Golf Club

OTHER OBSERVATIONS:

Phase I Flag Number 340

PAGE: 1 OF

BORING NO.: 620

PID/FID = C

B	oring L	OG FOR:		Raymark OU9)								BORING NO.:		6	320A	
	ROJECT			N1369									START DATE:		1	/28/04	
	OGGED I			K. Jalkut						TRANSCRIBED BY:	RAC		COMPLETION: DAT	E:	_1	1/28/04	
			any/Driller		y & Testing	/M. Sa	гго						MON. WELL NO .:			V/A	
G	RD. SUR	FACE EL	EVATION:							ELEVATION FROM:			CHECKED BY:		J	i <u>L</u>	
ſ	-		SAMP	SAMPLING	A STATE OF THE PARTY OF	-	207			A CONTROL OF THE CONT				**********	on address of the same	Z	
	DEPTH (FEET) 0	BLOWS PER 6" NA	REC. / SAMP LENG.	TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DEN CON or F	DIL SITY/ NSIS. ROCK .RD.	, c	LR	CLAS	MATERI SSIFICA	ATION		RO	OS or OCK RKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
1						1				Refer to Boring Log Number 620 for so	oil protii	le descriptions fro	m 0' – 4'	l	ļ		*
	1			No samples for analysis 0' - 2'													
drilling														l	ļ		
<u>.</u>						-										•	
SS 4	2	•						l						I	J	4	
ទ					1					-							
ပ္				No samples for				l						l	ļ		
Ë				analysis 2' – 4'								-				1	
윈	3					L								l	ļ		
					1												
Ш														l	ļ		
Ш											\Box					1	
▼ [4				Į.									I	J	4	
			2' /	SBP-SO-620A-0406		Lo	ose	Dark	Brown	SAND, some silt, trace gravel. Fine-m fine subrounded gravel to ½", organic	nedium reeds, r	sand, trace coars roots, wood piece	e sand poorly graded,	SM	I/Fill	Dry	FID = 5.6 PID = 1.3
Ţ			/ 2°	Screening	1	De	nse	Red	Brown	Silty SAND, fine-medium poorly grade						Damp	FID = 14.4
ايم	5			1/28/04 @ 1440		Lo	ose	Dark	Brown	Silty SAND and gravel, fine-coarse sar	nd, fine	subrounded-sub	angular gravel	. 1	7		
eve = 2						L,	ļ	Bri	own	SAND, fine-medium sand, poorly grad fragments to 1 ½" subangular				SP	/Fill		PID = 1.2
slee						De	nse	Bl	ack	Silty SAND, some organics, some grav	vel. Fir	ne-medium poorly	graded sand, fine	SM	/Fill	Saturated (fines)	FID = 4.4
-[6						<u> </u>	_	1	coarse subangular gravel to 1", glass,		_		!	<u> </u>		PID = 0.5
-				SBP-SO-620A-0608						Silty SAND, trace gravel. Fine-medium	n sand	trace coarse san	d, poorly graded, fine			Saturated	FID = 2.1
L			1.7'	Screening				_	<u> </u>	gravel 1/2" subrounded, newspaper (de	graded), brick, organic re	ots				PID = 0.3
	_		/ 2'	J			V				1						FID = 0.7
.	7			1/28/04 @ 1450				ļ	ļ								PID = 0.8
ľ,						Lo	ose	1		FILL, degraded newspaper, wood chur	nks, gla	ıss, plastic, metal,	ash	Fi	ill	Stained black	FID = 4.7
Ş.					'			-						اا	L!	petroleum like odor	PID = 0.6
1 slee	8		,		EOB @ 8' bgs			,	<u> </u>	EOB @ 8" bgs – Backfill with bentonite	e chips	(8'-1') and topsoil	(1'-0')	_	,		
Ŀ	TYPE OF	DRILLING	RIG:	GEOPROBE I	LT 54											Tetra Tech	NILIC Inc
I	METHOD	OF ADVA	NCING BOI	RING: DIRECT- PUSH	TECHNIQU	JE							- Note			1 cua 1ecn	NUO, IIIC.
- 1			SAMPLING:		Open tube	contin	uous s	amplin	g in 2'	intervals			– – *= No PID/FID rea	dina-	6	,, (-	∎_Ì ∣
- 1			CORING:	N/A									– horidiridiea – bgs	ມແທີຊ	HOIH	o	G
-10	GROUND	WATER L	EVELS:	Approximately 6	' bas reporte	ed by d	triller						-				

Phase II Flag Number 340 Former Landfill Area – non Raymark waste location PID/FID = E

OTHER OBSERVATIONS:

PAGE: 1

BORING NO.:

620A

PROJECT	NO.:		N1369				S ^r	TART DATE:	•	1/12/04	,	
LOGGED	BY:		K. Jalkut				TRANSCRIBED BY: RAC C	OMPLETION: D	ATE:	1/12/04		
DRILLED	BY (Compa	any/Driller):	Aquifer Drilling 8	Testing/S.	. Przybylski		M	ON. WELL NO.	:	N/A		
	RFACE ELE						ELEVATION FROM: C	HECKED BY:		JL		
				Linear Section			100 pages 100 pa					
	BLOWS	SAMP	SAMPLING	DEPTH	SOIL				USCS	REMARKS		IELD
DEPTH	PER	REC.	TIME &	MAT'L	DENSITY/		MATERIAL		or	(moisture condit		EENING
(FEET)	6*	SAMP	SAMPLE NO.	CHG./ WELL	CONSIS. or ROCK	CLR	CLASSIFICATION		ROCK	odors; geologic		ATA
0	NA	LENG.	(QA/QC STATUS)	PROFL	HARD	CLK	Golf Course		BRKN	classification; ro weathering; etc		<i>THOD =</i> , (PP M)]
	,,,,		\$BP-SO-621-0002	TIOI E	Frozen	Gгау	SAND, some silt. Fine-medium sand, poorly graded, seashell	le organic roots	SM/Fill	Grass/root plug =	FID	PID
		~ /	OBI -00 021 0002	1	1	Brown	CARD, some site. The recutant date, poorly graded, seasings	is, organic roots	I	approximately 3"		
<u> </u>		2'	Screening		<u> </u>		<u> </u>				0.0	0.0
1		/ 2'				_	l		•		0.0	0.0
1			1/12/04 @ 1300	_	Loose	Tan	SAND. Mostly fine sand, trace medium sand, poorly graded,	seashells	SP/Fill			
				1	1	1 1	l		1			
			1		l.		↓					
				1	₩	₩	Silty SAND, trace gravel. Fine-medium sand, poorly graded, t	fine and coarse	*	Damp		
2					Dense	Brown	gravel subrounded to 1", rock chips, brick, glass	inic and coarse	SM/Fill		0.0	0.0
			SBP-SO-621-0204	-	Loose	Tan	SAND, similar to sand layer above		SP/Fill			
		1.7'	OBI -00-021-020-		1	1 1	or true, samual to same layer above		Of 71 III		0.0	0.0
<u></u>			Screening			1	City CAND to a small Fire made as and to a		014/5/11		<u> </u>	<u>. </u>
		/ 2°			1	1 I	Silty SAND, trace gravel. Fine-medium sand, trace coarse sa coarse gravel subrounded 1/2" – 1"	ina, tine and	SM/Fill		0.0	0.0
3			1/12/04 @ 1305	-		_						
				1		Yellow to	GRAVEL, some sand. Fine and coarse subangular gravel, ro	ck chips, fine-	GP/Fill	Damp	0.0	0,0
					1 1	Dark Brown	medium sand, poorly graded		· 1		0.0	0.0
						1						
4	<u> </u>				T	*	↓					i
				EOB @		1			· ·			
				4' bgs		1	EOB @ 4' bgs – Backfill with bentonite chips (4'-1') and topso	sil (1' O')				
				"	ļ		LOD (6 + 0gs - Backiii With Bentonite Chips (4 + 1) and topso	m (1-0)				
1				1	i .	1					Į.	
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	DRILLING F		GEOPROBE – 4	X 4 Mule						Tetra	Tech NUS,	Inc.
		CING BORIN										
ı	OF SOIL SA		MACRO-CORE (Open tube co	ontinuous sar	mples to 4' in 2'	intervals					
METHOD	OF ROCK (CORING:	N/A									
GROUND	WATER LE	VELS:										
OTHER O	BSERVATION	ONS:	Phase I Flag N	lumber 413	Form	er Landfill Area	ВО	RING NO.: 62°	1	PAGE	: 1 Oi	- 1

621

Raymark OU9 RI/FS

PROJECT LOGGED E DRILLED E	PROJECT NO.: OGGED BY: ORILLED BY (Company/Driller): ORD. SURFACE ELEVATION: BLOWS SAMP		Raymark OU9 RI/FS N1369 J. Lambert Aquifer Drilling & Te		Jilmann		TRANSCRIBED BY: RAC ELEVATION FROM:	BORING NO.: START DATE: COMPLETION: MON. WELL N CHECKED BY:	0.:	622 1/12/04 1/12/04 N/A JD	
DEPTH (FEET) 0	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS) SBP-SO-622-0002 Screening 1/12/04 @ 1435	DEPTH MAT'L CHG/ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD! Slightly Dense Slightly Loose	CLR Dark Red Gray	MATERIAL CLASSIFICATION Asphalt top 0.4' – not sampled 0' – 1.1' – Silty fine-medium SAND, trace coarse san 1.1' – 1.6' – Fine-medium SAND, trace shells	d	USCS OF ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.) Moist	FIELD SCREENING DATA METHOD = [FID, (PPM)] PID = 0.0
2						Brown	1.6' 1.7' PACM SILT, trace fine sand with small	fibers throughout	Fill	PACM in sample	
3		1.7' 2'	SBP-SO-622-0204 Screening 1/12/04 @ 1440			Red-Brown Dark Brown	0' - 1.0' - Similar material to above 1.0' - 1.5' - Similar material to above, fewer fibers pr	resent		PACM in sample	
4					+	Tan	1.5' – 1.7' – Fine sandy SILT, some wood fragments		ML/Fill		
				EOB @ 4' bgs							
				_					\$		
TYPE OF D METHOD (METHOD (GROUNDY OTHER OF	OF ADVAN OF SOIL SA OF ROCK (VATER LE	CING BOR! AMPLING: CORING: VELS:	MACRO-CORE (ntinuous sam		ntervals - Parking lot by golf club FID/PID = C	Note: — PACM = Potential material	asbestos o	ontaining	h NUS, Inc.

	LOG FOR:		Raymank 009					BORING NO.:	6	322A	
PROJECT			N1369					START DATE:		1/19/04	
LOGGED		•	J. Lambert				TRANSCRIBED BY: RAC	COMPLETION: DATE:		1/20/04	
		any/Driller):	Aquifer Drilling &	resting/R. U	llmann			MON. WELL NO.:		N/A	
GRD. SU	RFACE ELE	EVATION:					ELEVATION FROM:	CHECKED BY:		JD	
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION	RO RO	CS or OCK	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
			SBP-SO-622A-0002	.,,,,,,,			Refer to Boring Log Number 622 for soil profile descrip	otions from 0' - 4'		weathering, etc.)	[[FID, (FFW)]
			Full Suite, less dioxin and SPLP								
1			1/19/04 @ 1540			9	<u> </u>				
	<u> </u>										
2											
-			SBP-SO-622A-0204	1					-+		
			Full Suite, less dioxin and SPLP		\vdash				-		
3			1/19/04 @ 1555								
											-
4	-		SBP-SO-622A-0406		Slightly	Black	Silty fine SAND, trace brick, trace plastic, trace glass	SM	VFi0 N	Moist	
		1.0'	Full Suite, less dioxin and SPLP		Dense	————					PID = 0.0
5			1/19/04 @ 1605								FID = 0.0
6							+				
		1.4' /	SBP-SO-622A-0608		ш		0' 0.4' Silty fine-medium SAND	Si	M		DID - 0.0
<u> </u>		2'	Full Suite, less dioxin and SPLP		 	Off -	0.4' - 0.8' - Mixed plastic and wood fibers	F			PID = 0.0
7			1/20/04 @ 0855		\vdash	White	0.8' - 0.9' - Decomposed plastic	*			FID = 0.0
					l I	Black	0.9' – 1.4' – Silty fine-medium SAND		M		
8				EOB @ 8' bgs	T					↓ Wet	
	DRILLING F	110:	GEOPROBE - Track	mounted	1						
			G: DIRECT- PUSH	- mounted				Note: Full Suite = SVOCs, Pesticide:	s/PCBs	Tetra Tech	NUS, Inc.
METHOD	OF SOIL SA	MPLING:	MACRO-CORE Oper N/A	tube continu	ious sampling	in 2' interv	als	metals, dioxin, SP and PCBs, asbest	LP me	tals	-
	WATER LE		Water table approxima	ately 8' bgs				VOCs	, 		
	BSERVATION				r Landfill Area	– parking l	ot by soccer field PID/FID = D 1/19/04 (C 1/20/04)	BORING NO.: 622A		PAGE:	1 OF 1

PAGE: 1 OF

PROJECT LOGGED	BY:		N1369 K. Jalkut				TRANSCRIBED BY: RAC C	TART DATE: OMPLETION: DAT	Γ E : .	1/12/04 1/12/04		
DRILLED I GRD. SUR		any/Driller): EVATION:	Aquifer Drilling &	i Testing/S.	Przybylski			ON. WELL NO.: HECKED BY:		N/A JL		
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION Golf Course	f	USCS or ROCK BRKN	(moisture con lition; odors; geological classification; rock weathering; etc.)		ENING
		2' /	SBP-SO-623-0002		Frozen	Tan	SAND, trace silt, trace organic roots. Fine-medium sand, poo seashells	orly graded,	SP/Fill	Grass/root plug = approximately 1"	FID 0.0	PID 0.0
1	_	/ 2°	Screening 1/12/04 @ 1515			Light Tan	Color change only			(mostly root)		
					+	+	Similar to above, with trace fine subangular gravel				3.0	0.0
2					Loose	Gray	SAND, trace gravel. Fine-medium sand, poorly graded, fine g subrounded to 1/2"	gravel		Damp	1.6	0.0
		2'	SBP-SO-623-0204				SAND, trace silt, trace gravel. Fine-medium sand, poorly gravel subrounded to 3/4"	ded, coarse			260	0.0
3		2'	Screening 1/12/04 @ 1325						3	Damp	4.4	0.0
			-			—	+					
4					+	Black	SAND, some organics. Fine-medium sand, charred wood, re-	eds/roots, glass	+	Damp/organic odors	1019	0.0
				EOB @ 4' bgs			EOB @ 4' bgs – Backfill with bentonite chips (4'-1') and topso	oil (1'-0')				
									-		-	
						-						
									,			
				1								
											-	
77/05 05	DDU LING I	J.C.	GEOPROBE – 4	Y 4 Mule /M	ula)					Total Total	A#40 4	
METHOD METHOD METHOD	DRILLING I OF ADVAN OF SOIL SA OF ROCK (WATER LE	CING BORIN AMPLING: CORING:				nples to 4' in 2	' intervals			Tetra Tech	E NOS, II	nc.
	BSERVATI		Phase I Flag	lumber 412	Forme	er Landfill Area	ВО	RING NO.: 623		PAGE:	OF	1 m 0018

623

BORING LOG FOR:

Raymark OU9 RI/FS

	N O.: BY;	any/Driller): EVATION:	Raymark OU9 Rl. N1369 J. Lambert Aquifer Drilling &		Przybylski		TRANSCRIBED BY: RAC ELEVATION FROM:	BORING NO.: START DATE: COMPLETION: MON. WELL NO CHECKED BY:		624 1/12/04 1/12/04 N/A JD	
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION 0' - 0.2' - Grass/roots		USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		1.8'	SBP-SO-624-0002 Screening		Slightfy Loose	Reddish Brown	0.2' - 0.8' - Silty fine-medium SAND, geotechnica	l liner at 0.6'	SM	(Frozen) Geotextile at 0.6'	FID = 0.0 PID = 0.0
1		2'	1/12/04 @ 1535		Slightly Dense	↓	0.8' – 1.6 – Silty fine-medium SAND, trace gravel		\	Wet	
]		Red	1.6' – 1.7' – Fine-medium SAND, trace silt		SP	Moist _	
2						Dark Red	1.7' - 1.8' - Fine coarse SAND, trace silt		sw		-
		1.5' /	SBP-SO-624-0204	1 1		Yellow - Brown	0' - 0.6' - Silty fine-medium SAND, trace wood		SM/Fill		FID = 0.3 PID = 163.9
3		2'	1/12/04 @ 1540			Dark Brown	0.6' - 0.7' - WOOD		Fill		
			Ţ.	1		Mottled Yellow-Brown	0.7' - 1.1' - Silty fine-medium SAND, trace cardbo	pard	SM/Fill		
4					+	Gray Brown	1.1' – 1.3' – Fine-medium SAND, some silt 1.3' – 1.5' – Fine-coarse SAND		SP SW	↓	
				EOB @ 4' bgs							
,				<u> </u>					\$		
METHOD (METHOD (METHOD (GROUND)	DRILLING R DF ADVANC DF SOIL SA DF ROCK C VATER LEV	CING BORIN MPLING: ORING: /ELS:	MACRO-CORE O	pen tube con	tinuous to 4' in		lot near clubhouse PID/FID = C	BORING NO.: 6:	24	Tetra Teci	h NUS, Inc.

PROJECT			N1369				START	DATE:		1/12/04		
LOGGED			K. Jalkut				TRANSCRIBED BY: RAC COMP	LETION: DAT	TE:	1/12/04		
		any/Driller):	Aquifer Drilling &	k Testing/S.	. Przybylski			WELL NO.:	_	N/A		
GRD. SUF	RFACE ELE	EVATION:					ELEVATION FROM: CHECK	KED BY:	_	JL		
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD,	CLR	MATERIAL CLASSIFICATION Golf Course		USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	SCREI DA	ELD ENING TA HOD =
			SBP-SO-625-0002		Frozen	Brown	SAND, some silt, trace gravel. Fine-medium sand, trace coarse sa	nd, poorty S	SM/Fill	Grass/root plug =	FID.	PID
		2 2	Screening				graded, fine subangular gravel, organic roots Silty SAND, some gravel. Fine-medium trace coarse sand, fine and	1 coarse	-	approximately 2" (frozen)	3.3	0,0
1			1/12/04 @ 1505		Loose	Dark Brown	gravel subrounded-subangular to ½" - 1", glass, rock chips/fragmer	nts, roots				
							Similar to above, with plastic piece at 1.5'				86	0.0
2					<u> </u>			_		Damp	24.3	0.0
		1.7'	SBP-SO-625-0204 Screening		Dense		↓				1.7	0.0
3		2'	1/12/04 @ 1510		$oxedsymbol{\downarrow}$		Sifty SAND, some gravel. Fine-medium mostly, trace coarse sand, coarse gravel subangular to 1°, organics	fine and	V		447	0.0
					Loose	Yellowish	GRAVEL layer/CRUSHED STONE		Fill			
4					Dense	Dark Brown Black	Silty SAND, some gravel. Fine-medium sand poorly graded, fine ar gravel subrounded $\frac{1}{2}$ – $\frac{1}{2}$, glass, organic roots, wood	nd coarse S	SM/Fill	Damp	486	0.0
				EOB @ 4' bgs			EOB @ 4' bgs - Backfill with bentonite chips (4'-1') and topsoil (1'-0)')				
_												
								:	,			
											-	
METHOD (OF ADVANC OF SOIL SA	CING BORING MPLING:	MACRO-CORE C		ntinuous sam	ples to 4' in 2'	intervals			Tetra Tech	NUS, II	nc.
METHOD (GROUNDY OTHER OF	VATER LEV	/ELS:	N/A Phase Flag N	umber 341	Forma	Landfill Area	Tagania.	NO:			رما	
O HIER OF	CERVAIL	// / //	Filase i Fidy N	WILDEL 241	FUITIE	Lanum Alea	BORING	NO.: 625		PAGE; 1	OF	_ 1

625

BORING LOG FOR:

Raymark OU9 RI/FS

BORING L			Raymark OU9							RING NO.:		625A		
PROJECT			N1369						_ ·	ART DATE:		1/29/0		
LOGGED			K. Jalkut	Faction (D. C.					Marie Marie	MPLETION:		1/29/0	4	
	BY (Compa RFACE EL!	any/Driller):	Aquifer Drilling &	resting/D. G	ooley					ON. WELL NO IECKED BY:		N/A JL		
GRD. SUF	VEACE ELI	EVATION.							ELEVATION FROM:	IECKED BT.		<u>JL</u>		
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SC DENS CON or Ri HAF	SITY/ ISIS. OCK	CL	.R	MATERIAL CLASSIFICATION		USCS or ROCK BRKN	(moist odors classi weat	EMARKS ture condition; s; geological ification; rock thering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
1			No samples for analysis 0' - 2'						Refer to Boring Log Number 625 for soil profile descriptions	s Irolli U — 4			ve point to 0' – 4' (no res)	
2														
3			No samples for analysis 2' – 4'	_										
												-		
4		1.5'	SBP-SO-625A-0406 Screening	-	Der	nse	Da Bro		Silty SAND, some gravel. Fine-medium sand, trace coarse coarse subangular gravel to 1 1/4", rock fragments, glass sh	sand, fine to ards	SM/Fill	Dry		FID = 0 PID = 0
5		2	1/29/04 @ 1500		Loc	se	Bla	ck	Similar to above with more coarse gravel, rock fragments, r fragments (petroleum like staining)	netal				FID = 469 PID = 0
									· ·				saturated in borehole per	FID = 82 PID = 0 FID = 47
6			SBP-SO-625A-0608	_					Similar to above with glass shards, metal debris			Saturated	d at 6'	PID = 47 PID = 0
,		1.6'	Screening				Gra	av	SAND, some gravel. Fine-medium sand poorly graded, fine	e to coarse	₩ SP-GP /	Saldraled	iato	PID = 0
7			1/29/04 @ 1515				Bro		subrounded gravel to 1"		Fill	Less reco		FID = 784
												saturated	ı [*]	PID = 0 FID = 41
8				EOB @ 8'	4	7	•	7	EOB @ 8" bgs – Backfill with bentonite chips (8'-1') and top	osoil (1'-0')	<u> </u>	Driller not in boreho	w reports water ble	PID = 41 PID = 0
METHOD METHOD METHOD	DRILLING F OF ADVAN OF SOIL SA OF ROCK (CING BORIN AMPLING: CORING:	GEOPROBE – LT 6 G: DIRECT- PUSH TE MACRO-CORE OP N/A Approximately 6' bo	CHNIQUE pen tube conti	nuous s	ampling	j in 2' ir	nterva	*=	: -Raymark was No readings fro samples collec	om 0-4' – n	10	Tetra Tecl	NUS, Inc.

Approximately 6' bgs

Phase II Flag Number 341 Former Landfill Area – golf course near parking lot

GROUNDWATER LEVELS:

OTHER OBSERVATIONS:

PAGE: 1 OF

BORING NO.:

PROJECT	NO.:		N1369					START DATE:	_	1/12/04	
LOGGED:	BY:		J. Lambert				TRANSCRIBED BY: PP	COMPLETION: DA	TE: _	1/12/04	
DRILLED I	BY (Compa	any/Driller):	Aquifer Drilling	& Testing/Re	ob Ulimann			MON. WELL NO.:	_	N/A	
GRD. SUF	RFACE ELE	VATION:		7			ELEVATION FROM:	CHECKED BY:		JD	
				Name and Parks		_				22 / 2	
D-0-11		SAMP	SAMPLING	DEPTH	SOIL				USCS	REMARKS	FIELD
DEPTH	BLOWS	REC.	TIME &	MAT'L	DENSITY/		MATERIAL CLASCIFICATION		or	(moisture condition;	SCREENING
(FEET)	PER 6"	SAMP	SAMPLE NO.	CHG./ WELL	CONSIS. or ROCK	CLR	CLASSIFICATION		ROCK	odors; geological classification; rock	DATA METHOD =
0	NA.	LENG.	(QA/QC STATUS)	PROF'L	HARD.	OLK	Asphalt - top 0.5' (not sampled)		BRKN	weathering; etc.)	[FID, (PPM)]
			SBP-SQ-626-0002	TROIL	Dense	Dark Red	0' - 0.9' - Fine-coarse SAND, trace angular-subangul	ar gravel	SW	Moist	PID = 0.0
		1.5'	35) -00-020-0002		l l	Dark Hou	O,S FINE SOCIOE OF TIED, MADO CINGUIAN CARDATIGAN	g	•••		FID = 0.0
			Screening								110 - 0.0
		2.0'		l .							
1			1/12/04 @ 1550								
						Yellow-Brown	0.9' - 1.3' - Fine-coarse SAND, some gravel, trace sil	lt	SW		
					▼						
					Slightly	Dark Red-	1.3' - 1.5' - Fine-coarse SAND, some stag, trace silt		SW/FILL		
2					Dense	Brown	· ·				
			SBP-SO-626-0204	1		Yellow-Brown	0' - 0.1' - Fine SAND, some silt		SP		PID = 0.3
	-	1.3'			I	Gray	0.1' – 0.2' – Fine-medium SAND		ï		FID = 0.0
			Screening and Confirmation		1	Yellow-Brown	0.2' - 0.4' - Fine SAND, some silt, trace gravel		+		
_		2.0'				Black	0.4' – 0.8' – Fine-coarse SAND and asphalt pieces		SW/FILL	D-41	
3			1/12/04 @ 1555		<u> </u>					Petroleum odor	
						Yellow-Brown	0.8'- 0.9' – Fine SAND, some silt		SP		1
						Black	0.9' - 1.5' - Fine-medium SAND, some gummy subst	ance similar to	SP/FILL		
******		Ī					caulking				
4		1			↓	1					
				EOB @			1 				
		ł		4' bgs	1						
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TVDE CE	DRILLING I	210:	GEOPROBE – T	rack mounts	od (Rig 2)					Tetra Tech	NIIIC Inc
				TACK- HOURIE	ou (INIG E)		- · · · · · · · · · · · · · · · · · · ·			reua rech	IVUS, INC.
		CING BORIN		Onen tube o	ontinuous ear	nples to 4' in 2' inte	rvals				•)
	OF SOIL S			Open tupe o	ominuous sai	inpression in a line	r ruiu				
	OF ROCK		N/A								
	WATER LE		Dhasa I Fis- M	umbor 250	Former	andfill Area Darkin	g Lot by Clubhouse FID/PID = C	BORING NO.: 626		PAGE: 1	OF 1
OTHER O	BSERVATI	ON9:	Phase I Flag No	utilibei 309	Former	Landin Alca Faikin	g corpy oldpitodae 1 ID/FID = 0	DOMING NO. 020		PAGE: 1	OF 1

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Raymark OU9 RI/FS

PROJECT	NO.:		N1369					START DATE:		1/12/04		
LOGGED	BY:		K. Jalkut					TRANSCRIBED BY: RAC COMPLETION: DA	ATE:	1/12/04		
DRILLED	BY (Compa	any/Driller):	Aquifer Drilling &	Testing/S.	Przyt	ylski		MON. WELL NO.:		N/A		
GRD. SUI	RFACE ELI	EVATION:						ELEVATION FROM: CHECKED BY:		JL		
	BLOWS	SAMP	SAMPLING	DEPTH		OIL			uscs	REMARKS	FIE	LD
DEPTH (FEET)	PER	REC.	TIME &	MAT'L		SITY/		MATERIAL	or	(moisture condition; odors;	SCRE	
(1-6-1)	6"	SAMP	SAMPLE NO.	CHG./ WELL		NSIS. ROCK	CLR	CLASSIFICATION	ROCK	geological classification; rock weathering; etc.)		TA HOD =
0	NA	LENG.	(QA/QC STATUS)	PROF'L		RD.	OLK	Goif Course	BRKN	rock weathering; etc.)		(P PM)
—			SBP-SO-627-0002	1 1101 2		zen	Red -		SM/Fill		FID	PID
		2' /	•		'''	1	Brown	graded, fine gravel subangular 1/4" - 1/2", rock chips, long roots		Grass/root plug =	0.0	0.0
		- / 2	Screening	l.	-	\vdash	White		GP/	approximately 2.5" (frozen) Sand = possible	0.0	0.0
1		/ 2	1/12/04 @ 1520	l		₩	AAIIIG	fine-medium sand, trace coarse sand, glass, tile		pulverized rock	0.0	0.0
					Lo	ose	Red/Brown	FILL, red plastic, mixed with fine-medium sand	SP/Fill	Mostly plastic pieces		
							Brown	Silty SAND, some gravel. Fine-medium sand, poorly graded, gravel	SM/Fill		ll.	l
					ļ .	₩		subrounded ½" – 1 ¼", glass	$\neg \neg$		-	
2					De	nse	Black	Similar to above, with WOOD waste		Damp	18	0.0
			SBP-SO-627-0204	-		ī	Black -	Similar to above, with plastic, glass, and wood waste			-	
		1.7'	ODI -00-021-0204	1			Brown	t			114	0.0
		" / _{2"}	Screening		-	-			+	0		-
l .		/ 2	1/12/04 @ 1525				l 1		+ 1	Organic odor		l
3	<u> </u>		1/12/04 (0) 1525	-	<u> </u>		V .	V			_	
							Gray	SAND, some gravel. Fine sand, trace medium sand, poorly graded, coarse gravel subrounded to 1"	SP/Fill			ı
				1		ļ						<u>L.</u>
				1	1		1 I		SM/Fill	Damp	148	0.0
4	Ĭ .					<u> </u>	.	graded, fine gravel subrounded to 1/2", metal fillings, wood waste			140	0.0
				EOB @								
				4' bgs				EOB @ 4' bgs - Backfill with bentonite chips (4'-1') and topsoil (1'-0')			l l	1
									\neg			
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	DD# 1 22 C	10.	OFORDORE 13	/	ıle)							
4	DRILLING F		GEOPROBE - 4 X	K 4 Mule (Mi	ne)		, ,			Tetra Tech	NUS, II	IC.
1		CING BORIN	IG: DIRECT- PUSH MACRO-CORE O	Inon tube se	ntinus		anles to 4' in 1	' intervale			$\overline{}$	
1	OF SOIL SA			vhen rane co	n luftu0	us san	ipies to 4 III z	IIIIGI YQIŞ			 -	
	OF ROCK		N/A					· · · · · · · · · · · · · · · · · · ·		(""		
	WATER LE BSERVATI		Phase I Flag No	umber 342		Forms	r Landfill Area	BORING NO.: 627		DACE: 4		
TO LUEK O	ロウロビスソイニ	UITĢ.	Filase i Flay Ni	UNIDEL 042		4 Othirit	a caudini vice	BORNO 62/		PAGE: 1	OF	1

BORING NO.:

627

Raymark OU9 RI/FS

BORING LOG FOR:

OTHER OBSERVATIONS:

PAGE: 1 OF

PROJECT LOGGED I DRILLED I GRD, SUR	NO.: BY: BY (Compa	any/Driller): EVATION:	N1369 J. Lambert Aquifer Drilling		ob Ullmann		TRANSCRIBED BY: PP COMPLETION MON. WELLI ELEVATION FROM: CHECKED I	TE: ON: DATE: L NO.:	1/12/04 1/12/04 N/A JD	
DEPTH (FEET)	BLOWS PER 6* NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION 0' – 0.2' – grass/roots/topsoil	USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
1		1.4' 2.0'	SBP-S0-628-0002 Screening 1/12/04 @ 1610		Slightly Loos Slightly Dens	e Black	0.2' – 1.0' – Silty fine-medium SAND 1.0' – 1.1' – SLAG and fine-medium SAND	SP/FILL	Geotextile Moist	PID = 0.0 FID = 120.3
2					Slightly Loos	e Tan	1.1' – 1.4' – Fine-medium SAND	SP		
		1.5' 2.0'	SBP-SO-628-0204 Screening 1/12/04 @ 1615		Slightly Loos	Tan e Black/Tan	0' – 0.3' – Fine sandy SILT, some pieces of plywood 0.3' – 0.7' – Mixed debris-metal, tiles, wood, glass, cardboard, some fine-coarse SAND	ML/FILL FILL	Sweet Solvent Odor	PID = 192 FID = 95.6
3			11/204 @ 1010		Loose Slightly Loos	Tan e Brown	0.7' ~ 0.9' ~ Fine-coarse SAND, some gravel 0.9' ~ 1.4' ~ Silty fine-coarse SAND 1.4' ~ 1.5' ~ Fine-coarse SAND	SW SM		
4				EOB @ 4' bgs	*				V	
								. !		
,										
							·	\$		
METHOD METHOD METHOD GROUND	DRILLING F OF ADVAN OF SOIL SA OF ROCK (WATER LE	CING BORIN AMPLING: CORING: VELS:	GEOPROBE - T IG: DIRECT- PUSH MACRO-CORE N/A	Open tube co	ontinuous samp		ervals erking lot next to golf clubbouse FID/PID = C RORING NO	628	Tetra Tech	NUS, Inc.

PROJECT LOGGED			N1369 K. Jalkut					TRANSCRIBED BY: RAC	START DATE: COMPLETION: D	ATE:	1/12/04 1/12/04	·· · · · · · · · · · · · · · · · · · ·		
		any/Driller):	Aquifer Drilling 8	L Testing/S.	Przyby	vlski		TRANSCRIBED BT. TOAC	MON. WELL NO.		N/A			
	RFACE ELI	-		. rooming.or		71010		ELEVATION FROM:	CHECKED BY:	•	JL			
					_	12		\$1,250,512,512,512,512,512,512,512,512,512,512						
DEPTH (FEET)	BLOWS PER	SAMP REC. /	SAMPLING TIME &	MAT'L	DENS	SITY/		MATERIAL	_	USCS	(moisture	ARKS condition;	SCRE	LD ENING
(''''	6"	SAMP	SAMPLE NO.	CHG./ WELL	OF RO		CLR	CLASSIFICATION		ROCK		eological ation; rock		TA HOD =
0	NA	LENG.	(QA/QC STATUS)	PROF'L	HAF		QLIX.	Golf Course		BRKN		ring; etc.)		PPM)]
			SBP-SO-629-0002		Froz	zen	Tan -	SAND. Fine-medium sand, poorly graded, seashells		SP/Fill	Grass/root		FID	PID
		1.3'	Ci				Gray			1	approximat	ely 3"	0.0	0.0
		/ 2'	Screening		1	7					(frozen)			
1			1/12/04 @ 1535		Loo	se	*			\ \	Damp			l
					Den	nse	Dark Brown	Silty SAND, some gravel. Fine-medium sand, poorly grade subangular to 1", seashell fragments	ed, coarse gravel	SM/Fill	Less recov	ery	0.0	0.0
2		,				,	1			+				
		1.6'	SBP-SO-629-0204 Screening and		Loo	se	Red	BRICK LAYER, broken red brick (2")		Fill .			0.0	0.0
3		2'	Confirmation 1/12/04 @ 1540				Dark Brown	Silty SAND, some gravel. Fine-medium sand, trace coarse graded, fine and coarse gravel subrounded to 1", clinkers	e sand, poorly	SM/Fill	Damp		0.0	0.0
										. 🔻				
4						,	Gray	SAND, some gravel. Fine-medium sand, trace coarse sar fine and coarse gravel subrounded ½" – 1", seashells	d, poorly graded,	SP/Fill	Damp			
				EOB @										ſ
				4' bgs	l			EOB @ 4' bgs - Backfill with bentonite chips (4'-1') and to	psoil (1'-0')					l
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TYPE OF	DRILLING F	NG:	GEOPROBE – 4	Y / Music /Mi	ıla)							T-4 T /	4440	
		CING BORIN		V 4 MICHE (IMI	uie)			· · · · · · · · · · · · · · · · · · ·	=			Tetra Tech	NUS, II	ıс.
1	OF SOIL SA		MACRO-CORE (Open tube co	ontinuou	ıs samı	ples to 4' in	2' intervals	•			(
1	OF ROCK		N/A						•					
	WATER LE								·			<u> </u>	ン	
OTHER O	BSERVATION	ONS:	Phase I Flag N	lumber 386	F	Former	Landfill Are	a	BORING NO.: 62	9		PAGE: 1	OF	1

Raymark OU9 RI/FS

PROJECT			N1369				TO ANG ADJOINT DV	START DATE:		1/12/04	
LOGGED		45. VII. 3	J. Lambert				TRANSCRIBED BY: PP	COMPLETION:		1/12/04	
		any/Driller):	Aquifer Drilling 8	e resting/Roi	Ullmann		ELEVATION EDOM:	MON, WELL N		N/A	
GRD. SUF	RFACE ELE	EVATION:				-	ELEVATION FROM:	CHECKED BY:		JD	-
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION Top 0.4' Asphalt-not sampled		USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
			SBP-SO-630-0002	ļ	Dense	Dark Red	Fine-coarse SAND, trace gravel (subrounded to sub	angular)	SW	Moist	PID = 0.0
		2.0'	Screening							-	FID = 0.0
1			1/12/04 @ 1630								
2			SBP-SO-630-0204	-	Cliabth	Black	0' – 0.2' – Silty fine SAND		SM		L DID ()
	····	1.4'	387-30-030-0204		Slightly Dense	Brown	0.2' – 0.4' – Wood (solid)		Fill		PID = 4.3 FID = 38.0
		2.0'	Screening		P	Gray	0.4' – 1.0' – Fine medium SAND		SP	-	110 - 30.0
3		/	1/12/04 @ 1635			, ,			l ĭ	1	
			=			Dark Gray	1.0' – 1.2' – Fine-medium SAND				1
						Gray	1.2' - 1.3' - Fine-medium SAND		. ♥		
			1			Black	1.3' - 1.4' - Silty fine SAND		SM	1	
4					+	11				♦	
				EOB @							
				4' bgs							
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				-							
,											
										4	
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				1		1					
								·····		1	
TVDE 05	DDILL MC 5	10.	GEOPROBE - Tr	ank marrated	(Dia 2)				-		
-	DRILLING F	RIG: CING BORIN		ack- mounted	(Rig 2)					Tetra Tec	h NUS, Inc.
	OF SOIL SA		MACRO-CORE O	Open tube con	tinuous samol	es to 4' in 2' ir	ntervals				-)
	OF ROCK (N/A	· · · · · · · · · · · · · · · · · · ·							T
	WATER LE										
OTHER O	BSERVATION	ONS:	Phase I Flag Nun	nber 358 f	ormer Landfill	Area - parking	g lot FID/PID = C	BORING NO.: 6	30	PAGE:	1 OF 1

630

BORING LOG FOR:

Raymark OU9 RI/FS

ROJECT			N1369						RT DATE:	1/12			
OGGED		(D-:0)	K. Jalkut	Tastianic	D	. dadel			MPLETION: DATE:	1/12	/04		
		any/Driller):	Aquifer Drilling 8	i resting/S.	Przyp	yiski			N, WELL NO.: ECKED BY:	N/A JL			
SKD. SUR	RFACE ELE	VATION.						ELEVATION FROM: CHE		JL			
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	DENS CON or R	SITY/ ISIS. OCK	CLR	MATERIAL CLASSIFICATION Golf Course	USC or ROC BRK	K Cla	REMARKS pisture condition; dors; geological assification; rock reathering; etc.)	SCREI DA METH	TA
		4	SBP-SO-631-0002		Der	nse	Red Brown	SAND, some silt, trace gravel. Fine-medium sand, trace coarse	sand, rock SM/F		s/root plug =	FID	PID
		1.9'	Screening		Der	ser	Brown	fragments, organic roots, coarse gravel subangular to 1 ½" Silty SAND. Fine-medium sand, poorly graded, trace coarse sand	3	- (froz	oximately 2" en)	0.0	0.0
1			1/12/04 @ 1550									<u> </u>	
								<u> </u>		Dam	p	0.0	0.0
2					Loc	ose	Yellow Brown	Silty SAND, trace gravel. Fine-medium sand, trace coarse sand, graded, fine gravel subrounded to \mathscr{U}^{*}	poorly			0.0	0.0
		1.6'	SBP-SO-631-0204		Der	nse	Red – Brown	Silty SAND, some gravel. Fine-medium sand, trace coarse sand, graded, fine and coarse gravel subrounded to 1"	poorly	Alter	nating layers of	0.0	0.0
3		2'	Screening 1/12/04 @ 1600				1	Į.		fine	sand (gray)		
							Gray	GRAVEL, some silty sand. Fine and coarse gravel subrounded ½ fine-medium sand, trace coarse sand, poorly graded	£" − 1 ¼", GP/F	iii 💮		0.0	0.0
4							—	1					
				EOB @ 4' bgs				EOB @ 4' bgs – Backfill with bentonite chips (4'-1') and topsoil (1	'-0')				
				-	_	-							
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				1	_								
			<u> </u>					<u> </u>				<u> </u>	<u> </u>
METHOD METHOD	DRILLING F OF ADVAN OF SOIL SA OF ROCK (CING BORIN AMPLING:	GEOPROBE – 4 G: DIRECT- PUSH MACRO-CORE G N/A			us sam	ples to 4' in	2' intervals			Tetra Tech	NUS, I	nc.
	WATER LE		:				4		NO NO			<u> </u>	
OTHER O	BSERVATION	ONS:	Phase I Flag N	lumber 335		Forme	r Landfill An	ea BORI	NG NO.: 631		PAGE: 1	OF	1

631

Raymark OU9 RI/FS

	'NO.: BY: BY (Comp	oany/Driller): .EVATION:			Rob Ullmann		TRANSCRIBED BY: PP ELEVATION FROM:	BORING NO.: START DATE: COMPLETION: MON. WELL NO CHECKED BY:		632 1/13/04 1/13/04 N/A JD	
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATER CLASSIFIC 0.' – 0.2' – Grass/Roots		USCS or ROCK BRKN	REMARKS (moisture conditio odors; geologica classification; roc weathering; etc.)	DATA METHOD =
1		1.5' 2.0'	SBP-SO-632-0002 Screening 1/13/04 @ 0930		Slightly Loos	e Brown	0.2' – 1.1' – Fine-coarse SAND some trace fines	rounded-subrounded gravel,	sw	(Frozen) top 0.5' Moist	PID = 0.0 FID = 0.0
			1713/04 @ 0000			Light Brown	1.1' – 1.5' – Fine-medium SAND, trac (subrounded)	e coarse sand and fine gravel			
2		1.3'	SBP-SO-632-0204 Screening		Ciliata Pass	- Dall Conv	0' - 0.8' - Silty-fine SAND, some coar to subangular) 0.8' - 1.3' - Fine-coarse SAND, some		SM SW		PID = 0.0 FID = 0.0
3		2.0'	1/13/04 @ 0935		Slightly Dens	e Dark Gray	U.0 - 1.3 - FINE-COAISE SAND, SOINE	s sublibutived graver	300	Wet	
4				EOB @		+	<u> </u>		—	↓	
				4' bgs							
											· · · · · · · · · · · · · · · · · · ·
				-		-			*		_
		<u> </u>									
METHOD METHOD METHOD GROUND	OF SOIL	NCING BOR SAMPLING: (CORING: EVELS:	GEOPROBE - ING: DIRECT- PUSI MACRO-CORE N/A Phase I Flag	H E Open tube	continuous san	oples to 4' in 2' in		FID/PID = B BORING NO.: 6	32	Tetra (Tech NUS, Inc.

BORING I	OG FOR	:	Raymark OU9	RI/FS				BORING NO.:		633	
PROJECT	NO.:		N1369					START DATE:		1/13/04	
LOGGED			K.Jalkut/ D. Me	cGrath			TRANSCRIBED BY: DH	COMPLETION	· DATE·	1/13/04	
		any/Driller):			Prvzhylski			MON. WELL N		N/A	
		EVATION:		a roomig. c.	. Tyzbytora		ELEVATION FROM:	CHECKED BY:		JL	
<u> </u>	u , .oc c.		-					OFFICIAL DEF.	•	<u> </u>	
DEPTH (FEET)	BLOWS PER 6*	SAMP REC. / SAMP	SAMPLING TIME & SAMPLE NO.	DEPTH MAT'L CHG./ WELL	SOIL DENSITY/ CONSIS. or-ROCK	CLR	MATERIAL CLASSIFICATION		USCS or ROCK	REMARKS (moisture condition; odors; geological classification; rock	FIELD SCREENING DATA METHOD =
0	N/A	LENG.	(QA/QC STATUS)	PROF'L	HARD.				BRKN	weathering; etc.)	[FID, (PPM)]
		/	SBP-SO-633-0002		Loose	Dark	SAND, some silt, trace gravel, fine-medium sa	nd, fine subrounded	SP/Fill	Grass/root plug = 4"	PID=0.0
l		1.2'	Screening			Brown	gravel, 0.5" organics at end of liner		1 1		FID=0.0
		/ 2.0'	Scieering								
1		,	1/13/04 @ 0940								
2			000 00 000 0004	-	14 "		V		<u> </u>		<u> </u>
	ļ	401	SBP-SO-633-0204		Medium	Medium	SAND, some silt, organics, rock fragments/sha	ittered rock, coarse			↓
		1.6'	Screening		Dense	Brown	gravel, fine sand		 		
İ _		2.0'									PID=0.0
3			1/13/04 @ 0945						<u> </u>		FID=87.2
							1				PID=0.0
							V		1 .		FID=0.0
							SAND, trace silt, trace gravel, fine-medium sar	nd, fine subangular gravel			PID=0.0
4									\ \ \		FID=104.1
				EOB @							<u> </u>
				4' bgs			EOB @ 4' bgs - Backfill with bentonite chips (4	'-1') plus topsoil (1'-0')			
					1				-		
											 -
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						L	ļ			<u>. </u>	
TYPE OF	DRILLING	RIG:	GEOPROBE –	4x4 mule	•					Tetro Tec	h NUS, Inc.
ŀ		NCING BORI								Tella Tel	ai NOS, IIIC.
I .		AMPLING:	MACRO-CORE		ntinuous sampl	es to 4 feet in	2 foot intervals				,
METHOD			N/A	,	.,	,					
GROUND											
OTHER O	BSERVAT	IONS:	Phase I FID=	: PID=	Flag nun	nber 666	Former Landfill area – golf course	BORING NO.: 6	633	PAGE:	1 OF 1

BORING L	OG FOR:		Raymark OU9 RI	/FS					BORING NO .:		634	
PROJECT	NO.:		N1369		•				START DATE:		1/13/04	·
LOGGED	BY:		J. Lambert					TRANSCRIBED BY: PP	COMPLETION: I	DATE:	1/13/04	
DRILLED	BY (Compa	any/Driller):	Aquifer Drilling &	Testing/Rot	Uliman	n			MON, WELL NO	.:	N/A	
GRD. SUF	RFACE ELI	EVATION:						ELEVATION FROM:	CHECKED BY:		JD	
	1											
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DEN	OCK	CLR	MATERIAL CLASSIFICATION Top 0.5' – Asphalt-Not sampled		USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		1.6'	SBP-SO-634-0002		Slightly	Loose	Brown	0' - 0.5' - Fine-coarse SAND some gravel		sw	Moist	PID = 0.0 PID = 0.0
1		2.0'	1/13/04 @ 1000				+	0.5' - 0.8' - Fine-medium SAND, trace coarse san	d, some silt	SP		
							White Brown	0.8' - 1.0' - Concrete fragment, pulverized 1.0' - 1.2' - Fine-coarse SAND		Fill SW	(Hard drilling probably due to concrete)	
2							Black	1.2' - 1.4' - Fine-coarse SAND, stained	•	\		
		1.6'	SBP-SO-634-0204 Screening and		Slightly	Dense	Dark Brown	0' – 0.4' – Silty fine-medium SAND, trace gravel 0.4' – 0.6' – Silty fine SAND, trace coarse sand		SM		PID = 0.0 FID - 485
3		2.0'	Confirmation 1/13/04 @ 1005				+	0.6' - 0.9' - Fine-medium SAND, trace silt		SP	Wet	
			DUP 17 1/13/04 @ 1010				Gray	0.9' – 1.5' – Fine-medium SAND, trace gravel		\		
4							Light Tan	1.5' – 1.6' – Silty fine-medium SAND, plastic (clear) in nose	SM/FILL		
				EOB @								
				1						-		
												-
				1								
<u> </u>									1	,		
					-							
L	L	L	L	d	ļ			I.			<u> </u>	
TYPE OF	DRILLING F	RIG:	GEOPROBE – Tra	ck- mounted	(Rig 2)						Tetra Tech	MUS Inc
		CING BORIN			· v						Teua Teci	. NOS, IIIC.
1	OF SOIL SA		MACRO-CORE O	pen tube con	tinuous s	amples t	o 4' in 2' inte	ervals	_		 	.
METHOD	OF ROCK (ORING:	N/A						_			C (
GROUND	WATER LE	VELS:										
OTHER O	BSERVATION	ONS:	Phase I Flag Nu	ımber 671	Forr	ner Lanc	ifill Area – R	load parallel to Short Beach FID/PID = B	BORING NO.: 63	4	PAGE:	1 OF 1

BORING I	LOG FOR:		Raymark OU9 R	I/FS				BORING NO.:		635		
PROJECT	NO.:		N1369					START DATE:		1/ 13 /04		
LOGGED	BY:		D. McGrath				TRANSCRIBED BY: DH	COMPLETION:	DATE:	1/13 /04		
		any/Driller):		Testing/ S.	Prvzbylski			MON, WELL NO	D.:	N/A		
		EVATION:					ELEVATION FROM:	CHECKED BY:		JL		
					,,,			W. ANTONO VARIOUS A PARTICULAR A VARIOUS AND	ATTACAS MARIE Empresage recognis			
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. /	SAMPLING TIME &	MAT'L CHG./	DENSITY/ CONSIS.		MATERIAL CLASSIFICATION		USCS or	(moisture	ARKS condition; eological	FIELD SCREENING DATA
0	N/A	SAMP LENG.	SAMPLE NO. (QA/QC STATUS)	WELL PROF'L	or ROCK HARD.	CLR			ROCK BRKN	classifica weather	ation; rock ing; etc.)	METHOD = [FID, (PPM)]
		1.7'	SBP-SO-635-0002 Screening		Loose	Medium Brown	SAND, trace fine gravel (0.25") subrounded, organic		SP	Grass plug=	= 4°	PID=0.0 FID=0.0
1		2.0'	1/13/04 @ 0950				↓		-			<u> </u>
					Dense		Silty SAND, some broken rock, seashells		SM			
2					↓	7.17						+
		1.5'	SBP-SO-635-0204 Screening		Loose	Red-Brown	SAND, some silt, trace fine gravel 0.25° subrounder	d, fine sand				PID=0.0 FID=0.0
3		2.0'	1/13/04 @ 0955				<u> </u>		+			
							SAND, fine-coarse well graded, trace gravel		sw	Damp		
4					+	Gray	Fine SAND (poorly graded)		SP	Wet		+
			,	EOB @ 4' bgs			EOB @ 4' bgs - Backfill with bentonite chips (4'-1')	and topsoil (1'-0')				
						ļ			٠			
											·	
TYPE OF	DRILLING	RIG:	GEOPROBE 4x	4 mule				· · · · · · · · · · · · · · · · · · ·		· T ·	Tetra Tech	NUS Inc
		CING BORI									. ou a 1601	1400, IIIG.
	OF SOIL S		MACRO-CORE (Open tube co	ntinuous samp	les to 4 feet in	2 foot intervals	_			(<u>.</u>)
1	OF ROCK		N/A									G
	WATER LE											-
OTHER O	BSERVAT	ONS:	Phase I		Flag numbe	er 667	Former Landfill area	BORING NO.: 6	35		PAGE: 1	OF 1

	TNO.: BY: BY (Comp	pany/Driller): .EVATION:	Raymark OU9 N1369 J. Lambert Aquifer Drilling		Rob Ullmann		TRANSCRIBED BY: PP ELEVATION FROM:	BORING NO.: START DATE: COMPLETION: D MON. WELL NO.: CHECKED BY:		636 1/13/04 1/13/04 N/A JD	
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	DE N SITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION Asphalt – Top 0.5' – Not Sampled		USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD == [FID, (PPM)]
		1.3' 2.0'	SPB-SO-636-0002 Screening		Slightly Dense	Orange - Brown Black	0' - 0.4' - Fine-medium SAND, trace coarse sand 0.4' - 0.6' - Fine-coarse SAND, some gravel		sw	Moist	PID = 0.0 FID = 0.0
1			1/13/04 @ 1025			Orange - Brown	0.6' - 0.7' - Gravelly fine-coarse SAND, some silt		¥ SM 		
2			SPB-SO-636-0204			Brown Dark Brown	0.7' – 1.3' – Silty fine-coarse SAND, some gravel (subar	ngular-subrounded)		Wet	PID = 0.0
3		1.5' 2.0'	1/13/04 @ 1030 Screening Dup. 18 1/13/04 @ 1035			Dark Gray	0.9' – 1.1' – Fine-medium SAND		SP		FID = 344
						White Gray	1.1' – 1.2' – GRAVEL fragments 1.2' – 1.5' – Fine-medium SAND		GP SP		
4				EOB @ 4' bgs	<u> </u>	Glay	1.2 - 1.5 - Fille mediani CAND			 	
		BIO	OF ORDER	Tenati	(Ole O)						
METHOD METHOD	OF SOIL S	NCING BORI SAMPLING:	MACRO-CORE	1		nples to 4' in 2'	intervals	 -		Tetra Teci	n NUS, Inc.
1	OF ROCK		N/A Water table ap	proximately 2	bgs .			_			

Former Landfill Area - Road parallel to Short Beach

FID/PID = B

BORING NO.:

Phase I Flag Number 672

OTHER OBSERVATIONS:

PAGE:

BORING L	OG FOR:		Raymark OU9 R	I/FS				BORING NO .:		637			
PROJECT	NO.:		N1369					START DATE:		1/13/04	1		
LOGGED	BY:		D. McGrath				TRANSCRIBED BY: DH	COMPLETION:	DATE:	1/13/04			
DRILLED	BY (Comp	any/Driller):	: Aquifer Drilling &	Testing/ S.	Pryzbylski			MON. WELL NO	D.:	N/A			
GRD. SUF	RFACE EL	EVATION:					ELEVATION FROM:	CHECKED BY:		JL			
				A				· · · · · · · · · · · · · · · · · · ·	y				
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP	SAMPLING TIME & SAMPLE NO.	MAT'L CHG./ WELL	DENSITY/ CONSIS. or ROCK	CLR	MATERIAL CLASSIFICATION		USCS or ROCK	(moista odors	MARKS are condition; ; geological ication; rock	FIELD SCREEN DATA METHO	NING A
0	N/A	LENG.	(QA/QC STATUS)	PROF'L	HARD.				BRKN	weatl	nering; etc.)	[FID, (PF	
		/	SBP-SO-637-0002		Frozen	Red-Brown	Silty SAND (fine-coarse), trace gravel (0.25") subround	ed, organics	SP/SM	Root plug	j = 4"	PID=0.0	
		1.8'	Screening and Confirmation							Frozen		FID=0.0	-
1			1/13/04 @ 1005	10 0		<u>. </u>							
					Loose		SAND (medium-coarse) seashells, broken rock		SP				
2							+					 	
		1.8'	SBP-SO-637-0204 Screening		Dense	Brown to Gray	Silty SAND with gravel, fine-coarse sand, fine-coarse g fragments	gravel 0.25", rock	SM	Damp		PID=0.0 FID=0.0	
		2.0'	_	1		1							
3			1/13/04 @ 1010							<u> </u>			
									İ	İ			
<u> </u>						ļ				ļ			
4							★						
				EOB @ 4' bgs			EOB @ 4' bgs - Backfill with bentonite chips (4'-1') plus	s topsoil (1"-0')					
								·					
												 -	
'					<u> </u>								
					<u> </u>	ļ			*		<u></u>		
						<u> </u>							
TYPE OF	DRILLING	RIG:	GEOPROBE – 4x	4 mule					****		Tetra Tech	NUS Inc	
		NCING BORI									1000		
		AMPLING:	MACRO-CORE C	pen tube cor	ntinuous samp	les to 4 feet in	2 foot intervals				(- 10 -		
1	OF ROCK		N/A							}	[• [إحا	
	WATER LE					(61)							
OTHER O	BSERVAT	IONS:	Phase I Flag nu	ımber 669	Former La	andfill area		BORING NO.: 6	37		PAGE: 1	OF	1

	NO.: BY: BY (Compa	any/Driller): EVATION:	N1369 J. Lambert Aquifer Drilling 8		o Ullmann		TRANSCRIBED BY: PP COMPLE MON. WI ELEVATION FROM: CHECKE	OATE: ETION: DATE: ELL NO.:	638 1/13/04 1/13/04 N/A JD	
DEPTH	BLOWS PER	SAMP REC.	SAMPLING TIME	DEFTH MAT'L	SOIL DENSITY/		MATERIAL	USCS	REMARKS (moisture condition;	FIELD SCREENING
(FEET) 0	6" NA	SAMP LENG.	& SAMPLE NO. (QA/QC STATUS)	CHG./ WELL PROF'L	CONSIS. or ROCK HARD.	CLR	CLASSIFICATION Asphalt – Top 0.5' (not sampled)	or ROCK BRKN	odors; geological classification; rock weathering; etc.)	DATA METHOD = [FID, (PPM)]
		1.5'	SBP-SO-638-0002			Brown	0' - 0.4' - Fine-coarse SAND, trace gravel	sw	Moist	PID = 0.0 FID = 0.0
1		2.0'	1/13/04 @ 1050			Gray - Brown	0.4' - 0.6' - GRAVEL, some fine-coarse sand, (road bed)	GW	1	
						Brown	0.6' – 1.5' – Fine-coarse SAND, some gravel, trace silt	sw		
2										
		0.9'	SBP-SO-638-0204 Screening			Light Brown	0.0' – 0.1' – Similar to above 0.1' – 0.3' – Fine-coarse SAND, some gravel	\ \		PID = 0.0 FID = 348.0
3		2.0'	1/13/04 @ 1055			Light Gray	0.3' – 0.7' – Fine-medium SAND	SP		
						Gray	0.7' – 0.9' - Fine SAND			
4	-	<u> </u>				<u> </u>	↓	+	+	
				EOB @ 4' bgs						
						-				
1					<u>,</u>			·	_	
								\$		
						ļ			•	
						<u></u>				<u></u>
METHOD (METHOD (METHOD) GROUND)	OF SOIL SA OF ROCK (WATER LE	CING BORIN AMPLING: CORING: VELS:	MACRO-CORE C	Open tube con	tinuous sample				Tetra Tech	NUS, Inc.
OTHER O	BSERVATK	ONS:	Phase I Flag Nu	mber 673	Former La	ndfill Area - Ro	ad parallel to Short Beach FID/PID = B BORING No	D.: 638	PAGE	1 OF 1

PROJECT LOGGED DRILLED	BY: BY (Comp	pany/Driller): EVATION:	Raymark OU9 R N1369 D. McGrath Aquifer Drilling 8		Pryzbylski		TRANSCRIBED BY:DH	BORING NO.: START DATE COMPLETION MON. WELL! CHECKED BY	: N: DATE; NO.:	639 1/14/0 1/14/0 N/A JL		
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION		USCS or ROCK BRKN	(mois odor class	EMARKS ture condition; s; geological ification; rock thering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		2.0'	SBP-SO-639-0002 Screening		Loose	Brown	SAND, trace silt, trace fine-coarse subrounded grave sand, seashells, rock fragments	l, fine-medium	SP	Root ba		PID=0.0 FID=0.0
1			1/14/04 @ 1015	_			Silty SAND, broken rock		SM	Damp		
2		1.5'	SBP-SO-639-0204	-	Dense		Silty SAND, fine-coarse gravel, fine-medium sand, or	ganics	_			
3		2.0'	Screening 1/14/04 @ 1020		Loose	Brown/	Fine-coarse SAND, trace coarse gravel		sw	Wet (fin	es)	
4						Gray	9			-		
L				EOB @ 4' bgs			EOB @ 4' bgs - Backfill with bentonite chips (4'-1') p	olus topsoil (1'-0')				
				v								
			 	_								
									8			
						,			-			
METHOD METHOD METHOD GROUND		ICING BORII AMPLING: CORING: EVELS:	MACRO-CORE C			es to 4 feet in	2 foot intervals	BORING NO.:	639		Tetra Tech	E

PROJECT	NO.:		N1369						START DATE:		1/13/0)4	
LOGGED	BY:		J. Lambert				TRANSCRIBED BY:	PP	COMPLETION:	DATE:	1/13/0		
DRILLED I	BY (Compa	any/Driller):	Aquifer Drilling &	Testing/Rob	Ullmann		_		MON. WELL NO		N/A	· · · · · · · · · · · · · · · · · · ·	
GRD. SUF	RFACE ELE	EVATION:					ELEVATION FROM:		CHECKED BY:		JD		
						,	~	······································	V-22**		and the second of the second o		
OFOTH	BLOWS	SAMP	SAMPLING	DEPTH	SOIL					uscs	R	EMARKS	FIELD
DEPTH (FEET)	PER	REC.	TIME &	M/TI	DENSITY/		i _	MATERIAL		or		ture condition;	SCREENING
()	6"	SAMP	SAMPLE NO.	CHG./ WELL	CONSIS.	01.0) c	CLASSIFICATION		ROCK		s; geological	DATA
0	NΑ	LENG.	(QA/QC STATUS)	PROF'L	or ROCK HARD,	CLR	Top 0.5' Asphalt (Not Sam	nlad)		BRKN		ification; rock	METHOD =
		-	SBP-SO-640-0002	FKOLF	Slightly	Brown	0.0' - 0.2' - Fine-coarse SA	ND trace silt		SW		thering; etc.)	[FID, (PPM)]
		1.4'	GBI -GO-040-0002		Loose	Light Tan	•				Moist		PID = 0.0
			Screening				0.2' - 0.3' - Concrete, pulve			Fill	1 1		FID = 2.2
İ		2.0'				Black	0.3' - 0.4' - Asphalt (partial)			*			
1			1/13/04 @ 1120			Brown	0.4' - 1.4' - Fine-coarse SA	ND, trace silt		SW		Petroleum Odor	
						1		1					
											1		
2							İ						
			SBP-SO-640-0204				0.01 0.41 05-21-44-41	<u> </u>			 		
		4.00	SBP-SU-040-0204			•	0.0' - 0.1' - Similar to above						PID = 0.0
		1.8'	Screening			Orange	0.1' - 0.2' - Fine-coarse SA			•			FID = 52.3
		2.0'			ľ	Tan	0.2' - 0.4' - Fine-medium S/	AND		SP			
3		Ť	1/13/04 @ 1125		b	Black	0.4' - 0.5' - Fine-coarse SA	ND, possibly stained		SW	₩		
						Brown	0.5' - 1.6' - Silty-fine SAND	. coarse gravel piece at 1.	1'	SM	Wet		
		1					1	,		₩.	'''		
					-		1.6' – 1.8' – Fine-medium S/	AND frace rounded army			1 1		
							1.0 - 1.8 - Fille-Medium 5/	AND, trace rounded grave	;ı	SP	ΙL		ļ
4					. *						V	· · · · · · · · · · · · · · · · · · ·	
				EOB @			1						
				4' bgs			<u> </u>						
							1				1		
							1						
											-	 -	
		"	·				<u> </u>						
											•		
											1		
	-									è	ļ		
			-									····	 -
							<u> </u>	·-					
TYPE OF I	DRILLING S	IIG [,]	GEOPROBE - Tra	ck- mounted	(Rig 2)							-	
L		dg. CING BORIN		on- mounted	(1 Ng 4)				-			Tetra Tech	NUS, Inc.
E			MACRO-CORE O	non tubo con	tinuaue comele	e to A' in O' int	on rate		•				\sim
METHOD				ben rape con	unuous sample	s w 4 in ∠ int	CIVAIS		•				⊢ I
METHOD			N/A	All								(#4	Lej
GROUND			Water table approx			- JEU A	and an analysis of the second		T				<u> </u>
OTHER O	BSERVATK	DNS:	Phase I Flag Nur	nber 693	Former Lar	noriii Area - Ro	ad parallel to Short Beach	FID/PID = B	BORING NO.: 6	40		PAGE: 1	OF 1

640

TtNUS Form 0018

Raymark OU9 RI/FS

DRILLED BY (Compan GRD. SURFACE ELEV		D. McGrath Aquifer Drilling &	Testing/ S.	Pryzbylski		TRANSCRIBED BY:DH	START DATE: COMPLETION: MON. WELL NO CHECKED BY:		1/13/04 1/13/04 N/A JL	
DEPTH PER (FEET) 6"	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION		USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
1	2.0'	SBP-SO-641-0002 Screening 1/13/04 @ 1100		Frozen	Red-Brown	Silty SAND (fine-coarse), trace fine gravel 0.25" su fragments, glass	ıbangular, rock	SM/Fill	Root plug= 3" Frozen	PID=0.0 FID=0.0
2				Loose	Brown/ Black	Similar to above, with glass, wood debris, cellulose	e			
1	2.0'	SBP-SO-641-0204 Screening 1/13/04 @ 1105			Black L	Similar to above, no cellulose Silty SAND, trace fine subangular gravel, burnt wo seashells	od debris, glass, tile,		Organic odors	PID=0.0 FID=77.1
4				+	1					PID=0.0 FID=93.0
			EOB @ 4' bgs			EOB @ 4' bgs - Backfill with bentonite chips (4'-1')) plus topsoil			
								,		
								*		
TYPE OF DRILLING RIG METHOD OF ADVANCE METHOD OF SOIL SAM METHOD OF ROCK CO GROUNDWATER LEVE OTHER OBSERVATION	ING BORIN MPLING: DRING: ELS:	MACRO-CORE O			les to 4 feet in	2 foot intervals	BORING NO.: 6	41	T	NUS, Inc.

BORING L	OG FOR:		Raymark OU9 R	RI/FS				BORING NO.:		642	
PROJECT	NO.:		N1369					START DATE:		1/13/04	
LOGGED	BY:		J. Lambert				TRANSCRIBED BY: PP	COMPLETION:	DATE:	1/13/04	
DRILLED I	BY (Compa	any/Driller):	Aquifer Drilling 8	& Testing/Rol	Ullmann			MON. WELL N	0.:	N/A	
GRD. SUF		-					ELEVATION FROM:	CHECKED BY:		JD	
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION		USCS or ROCK BRKN	(moisture contition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		1.6'	SBP-SO-642-0002		Slightly Loose	Dark Brown	Fine-coarse SAND, trace fine gravel (subrounded silt	f-subangular), trace	sw	Moist	PID = 0.0 FID = 1.2
****		2.0	Screening							1	
1			1/13/04 @ 1140								
				1			ì				
											1
							ĵ.				
2							 				II.
			SBP-SO-642-0204	1		1	0.0' - 0.2' - Similar material to above		—		PID = 0.0
		1.9'				White	0.2' - 0.3' - CONCRETE		Fill		FID = 148.2
		2.0'	Screening			Yellow	0.3' - 0.4' - Fine-coarse SAND		SW	1	
3			1/13/04 @ 1145			Black	0.4' - 0.5 - Fine-medium granular SAND		SP		10
					Slightly	Brown	0.5' – 1.4' – Fine-sandy SILT, some angular-suba	ingular gravel	ML		
					Dense						
					Slightly	Gray	1.4' - 1.6' - Medium SAND, trace coarse sand		SP	1 1	1
4				1	Loose		1.6' - 1.9' - Fine SAND			•	11:
				EOB @							
				4' bgs							
<u> </u>							·			-	
				1					_		-
					-			-	-	1	-
				-					_		
					l	0					1
	-			1						-	
				1					5		
				-					_		
										-	(
			1								
			L				L			10	1
	DRILLING F		GEOPROBE Tr	rack- mounted	(Rig 2)					Tetra Tec	h NUS, Inc.
METHOD	OF ADVAN	CING BORIN									
1 1	OF SOIL SA		MACRO-CORE (Open tube cor	tinuous sampl	es to 4' in 2' int	ervals				7
	OF ROCK (N/A								T-J
	NATER LE		Phase I Flag Nu	umbar 604	Earman! -	ndfill Aron De	pad parallel to Short Beach FID/PID = F	BORING NO	542	PAGE	1 OF 1
		1134.55	PHASE I DIST NO	11 CO 1	curret Lit	numi Alca - No	rou voience at cilluit DEOCIE FILL/Fill - F		1 4 /		1 116

PROJECT			N1369	·-					START DATE:		1/13/04		
LOGGED			K. Jalkut/D. M					TRANSCRIBED BY:DH	COMPLETION:		1/13/04		
		ny/Driller):	Aquifer Drillin	g & Testing/ S. P	ryzbylsi	ki			MON. WELL N		_ N/A		
GRD. SUF	RFACE ELE	EVATION:						ELEVATION FROM:	CHECKED BY:		JL		
DEPTH (FEET)	BLOWS PER 6"	SAMP REC.	SAMPLING TIME &	DEPTH MAT'L CHG./	DENS CON	SITY/ SIS.		MATERIAL CLASSIFICATION		USCS or ROCK	(moistu	MARKS ire condition; ; geological	FIELD SCREENING DATA
0	N/A	SAMP LENG.	SAMPLE NO. (QA/QC STATUS	/ INOLE	or Ri	RD.	CLR			BRKN	weath	cation; rock ering; etc.)	METHOD = [FID, (PPM)]
		2.0'	SBP-SO-649-0002 Screening		Loc	se	Light Brown	Silty SAND, trace fine subangular gravel, shells		SM	Root plug	at 3"	FID=0.0 PID=0.0
1		2.0'	1/13/04 @ 1110				Yellow			$ \downarrow $			
							Brown	SAND, trace Silt, fine sand, seashells, organics		SP	Dry		
2							Medium Brown	Silty SAND (fine-medium), trace fine-coarse sub-	angular gravel	SM			
		1.7'	SBP-SO-643-0204				Gray- Brown	SAND (fine-medium, trace coarse), trace fine suf	brounded gravel	\$W	Black res Gloves (2		FID=0.0 PID=0.0
3		2.0'	Screening 1/13/04 @ 1115					_					
							Yellow- Brown	SAND (fine-medium) trace fine subrounded to su	ibangular gravel				
4						,				 			
				EOB @ 4' bgs				EOB @ 4' bgs- Backfill with bentonite chips (4'-1	') and topsoil (1'-0')				
				_	ļ	_							
		-		_									
,													
				1									
J	DRILLING F		GEOPROBE -									Tetra Tech	NUS, Inc.
1		CING BORIN											
	OF SOIL SA			E Open tube conti	nuous sa	amples	to 4 feet in 2	foot intervals					B-I
1	OF ROCK O		N/A									[•	L)
1	WATER LE												
OTHER O	BSERVATION	DNS:	Phase I Flag	g number 347		Form	er Landfill a	rea	BORING NO.: 6	i43		PAGE:	I OF 1

BORING NO.:

643

BORING LOG FOR:

Raymark OU9 RI/FS

BORING L	OG FOR:		Rayma	ark OU9 RI/F	s				ВО	RING NO.:		643A		
PROJECT	NO.:		N1369)					\$TA	ART DATE:		2/3/04		···
LOGGED	BY:		J. Lam	ıbert				TRANSCRIBED BY: DI	-l CO	MPLETION:	DATE:	2/3/04		
DRILLED I	BY (Compa	any/Driller):	Aquife	r Drilling & T	esting/ Rob	Ulimann				N. WELL NO	.:	N/A		
GRD. SUF	RFACE ELE	EVATION:						ELEVATION FROM:	CH	ECKED BY:		JD		
	51.6146	01145	0.444					24.	With the months and a second and a property of the property of the contract of		No haddenna i albani i a	£		
DEPTH (FEET)	BLOWS PER 6*	SAMP REC. / SAMP	SAMPI	ME & LE NO.	MAT'L CHG./ WELL	SOIL DENSITY/ CONSIS. or ROCK	CLR		TERIAL SIFICATION		USCS or ROCK BRKN	(moist odor	EMARKS ture condition; s; geological ification; rock	FIELD SCREENING DATA METHOD =
0	N/A	LENG.	(QA/QC	STA1U5)	PROF'L	HARD.					DIVIN	weat	thering; etc.)	[FID, (PPM)]
						1		Refer to Boring Log Number 643	for soil profile details from	0-4'				
			No Sample			<u> </u>			··			Į		
l			from 0' - 4'	bgs										
1			•											
]		
2												}		1
]		
3														
														1
												İ		
4				,					▼]
			\$BP-SO-64	3A-0406		Stightly	Light	0' - 0.5' - Fine-coarse SAND	· · · · · · · · · · · · · · · · · · ·		SW	Moist		
		1.8'				Loose	Brown			1				PID=0.0
		2.0'	Screening				Tan	0.5' - 0.9' - Fine-coarse SAND (co	olor change only)		- -			FID=0.0
5			2/3/04 @ 1	345				•	· .,	1	Ţ			
								0.9' - 1.0' - Fine SAND			SP	 		
											О.			
								1.0' - 1.8' - Fine-coarse SAND			sw	1 1		
6							\				011	₩		
			SBP-SO-64	3A-0608			Dark	Fine-coarse SAND, bottle top, ce	ramic tiles, some wood fra	aments	SW/Fill	Wet		
] .1		0.9'				.	Brown			.5.1,0110)	7.50		PID=0.0
		2.0'	Screening			l								FID=0.0
7		, 2.0	2/3/04 @ 13	355						1	,			LID=0.0
												 		
										İ				
														
					EOB @				1			₩		
8					8'bgs		▼	<u> </u>	▼	<u>_</u>		<u> </u>		
TYPE OF I	DRILLING R	IIG:	GEOPI	ROBE – Trac	k- mounted (I	Rig 2)							Tetra Tech	MUS Inc
1		CING BORIN		T- PUSH					Note	:			relia recii	NOS, IIIC.
METHOD				O-CORE Op	en tube conti	nuous samples	to 4 feet in 2	2 foot intervals		e II Screening	= Asbesto	s and	(∟)
METHOD	OF ROCK O	ORING:	N/A								Metals			GI I
GROUND	WATER LEV	/ELS:	Арргох	imately 7.5' b	gs									_/
OTHER O	BSERVATIO	ONS:	Phase	II FID= D	PID= C	Old I	lag number	342 Former Landfill area – g	olf course BOR	ING NO.: 64	3A		PAGE: 1	OF 1

BORING LOG FOR: PROJECT NO.: LOGGED BY: DRILLED BY (Company/Driller): GRD. SURFACE ELEVATION: Raymark OU9 RI/FS N1369 J. Lambert Aquifer Drilling & Testing/Rob Ullmann SAMPLING SAMPLING							TRANSCRIBED BY: PP COMPLETIC MON. WELL ELEVATION FROM: CHECKED BY	E: DN: DATE; . NO.:	644 1/13/04 1/13/04 N/A JD	
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION	USCS or ROCK BRKN	(moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
1		1.4' 2.0'	SBP-SO-644-0002 Screening 1/13/04 @ 1230		Slightly Loose	Brown	Fine-coarse SAND, some gravel (angular-subangular), trace slit	sw	Moist	PID = 0.0 FID = 0.0
2			SBP-SO-644-0204		Slightly	Dark	0.0' – 0.5' – Fine-coarse SAND, some silt, trace asphalt	SW/Fill	Petroleum Odor	PID = 0.0
3		2.0'	Screening and Confirmation 1/13/04 @ 1235		Dense	Brown Black Brown	0.5' – 0.7' – Degraded asphalt pieces 0.7' – 1.7' – Silty fine SAND, trace coarse sand	Fill		FID = 11.7
4				EOB @		+	1.7' – 1.8' – Fine-coarse SAND, some gravel	SW	—	
				4' bgs						
									-	
								\$		
Type of	DRILLING F	210:	GEOPROBE – Tr	ack, mounted	(Rin 2)					A//10 :
METHOD METHOD METHOD		CING BORIN AMPLING: CORING:				es to 4' in 2	' intervals		Tetra Tech	E Inc.

Former Landfill Area - Road parallel to Short Beach

FID/PID = B

BORING NO.: 644

Phase I Flag Number 711

OTHER OBSERVATIONS:

1 OF

PAGE:

PROJECT LOGGED DRILLED	BORING LOG FOR: PROJECT NO.: OGGED BY: DRILLED BY (Company/Driller): BRD. SURFACE ELEVATION: BLOWS SAMP SAMPLING				Pryzbyłski		TRANSCRIBED BY: DH CO	RING NO.: ART DATE: MPLETION: DATE: DN. WELL NO.: ECKED BY:	645 1/13/04 1/13/04 N/A JL	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION	USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
1		2.0'	SBP-SO-645-0002 Screening 1/13/04 @ 1140		Loose	Red-Brown	Fine-coarse SAND with silt, organics	SM/Fill	Root plug 3" Frozen	PID=0.0 FID=0.0
·			1710.04 (8) 7140	_			Fine-medium SAND with trace silt, trace fine gravel	SP/Fill		
2		1.9'	SBP-SO-645-0204 Screening and		+	Brown Yellow Brown	Broken rock, glass SAND, trace silt (fine-medium sand) broken rocks, trace fine subrounded gravel	Fill		<u></u>
3		2.0'	Confirmation 1/13/04 @ 1145				Fine-medium SAND, trace coarse sand	SW/Fill		PID=0.0 FID=1228
4			Confirmation DUP -16 @ 1150		Loose	Gray	FILL -Degraded pasty material (possible caulk) glass	, Fill		PID=0.0 FID=167
				EOB @ 4' bgs			EOB @ 4' bgs - Backfill with bentonite chips (4'-1') plus tops	oil (1'-0)		
				_						
								\$		
TYPE OF DRILLING RIG: METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: MACRO-CORE Open tube continuous samples to 4 feet in 2 foot intervals N/A OTHER OBSERVATIONS: Phase I Flag number 343 Former Landfill area BORING NO.: 645 PAGE: 1										

BORING L	OG FOR:		Raymark OU9 R	I/FS				BORING NO.:	646	
PROJECT	NO.:		N1369					START DATE:	1/13/04	
LOGGED			J. Lambert			_ 1	RANSCRIBED BY: PP	COMPLETION: DATE:	1/13/04	
DRILLED I		any/Driller):	Aquifer Drilling 8	Testing/Rob	Ullmann			MON. WELL NO.:	N/A	
GRD. SUR		•	- 	•		_	ELEVATION FROM:	CHECKED BY:	JD	
					-					
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION Top 0.5' – Asphalt (Removed)	USCS or ROCK BRKN	(moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		1.3'	SBP-SO-646-0002		Slightly Loose	Dark Brown	0.0' - 0.7' - Fine-coarse SAND, some gravel, trace	ce siit SW	Moist	PID = 0.0 FID = 0.0
		2.0'	Screening						1	1.5 5.5
1			1/13/04 @ 1445	-			0.7' - 1.3' - Medium-coarse SAND	SP	Wet	
2			SBP-SO-646-0204		+		0.0' - 0.3' - Similar material to above			PID = 0.0
		1.5'	Screening		Slightly Dense	Black	0.3' - 0.5' - Deteriorated asphalt material	Fill	Slight Petroleum Odor	FID = 0.0
		2.0'	Corcoming			Tan	0.5' - 0.7' - Silty fine SAND, trace gravel	SM	i choledili Odol	
3			1/13/04 @ 1450		<u> </u>	Brown	0.7' - 1.0' - Fine-coarse SAND, some silt	SW		
					Slightly Loose		1.0' – 1.5' – Fine-medium SAND, trace gravel	SP I		
						1		<u> </u>		
-				EOB @	· ·					
				4' bgs						
				-		-				
:										
							<u> </u>			
								8		
7/05 05	DDS LINC 5	11C+	GEOPROBE – Tr	ack mounted	(Pig 2)				T-4 T /	40.40
	DRILLING F	RIG: CING BORIN		ack- mounted	(NY Z)				Tetra Tech	NUS, Inc.
	OF SOIL SA			Open tube con	tinuous samples to	4' in 2' interv	als			.)
METHOD OF ROCK CORING: N/A										
	NATER LE		Water table appro	ximately 1' bo	ıs					
	BSERVATION		Phase I Flag Nu			area - Road pa	arallel to Short Beach FID/PID = B	BORING NO.: 646	PAGE: 1	OF 1

BORING L PROJECT LOGGED DRILLED GRD. SUF	NO.: BY: BY (Compa	any/Driller): EVATION:	Raymark OU9 RI N1369 K. Jalkut/ D. McG Aquifer Drilling &	Grath	Pryzbylski		TRANSCRIBED BY:DH	BORING NO.: START DATE: COMPLETION: D MON. WELL NO. CHECKED BY:		647 1/13/04 1/13/04 N/A JL	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION		USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		1.2'	SBP-SO-647-0002 Screening		Loose	Red/ Brown	Silty SAND, trace fine gravel, subangular, organics, bu	roken rock	SM	Root plug at 5*	PID=0.0 FID=0.0
1			1/13/04 @ 1155			Yellow/ Brown	Fine SAND, trace silt, trace fine gravel (subangular) b	roken rock	SP	Dry	
2		1.3'	SBP-SO-647-0204	-			Similar to above				PID=0.0 FID=0.0
3		2.0'	Screening 1/13/04 @ 1200	-		Brown	Broken Rock Fine SAND, trace silt, trace fine gravel, tile, coal		GP SP/Fill	Dry	
4				500.0		\downarrow					
				EOB @ 4' bgs		-	Backfill with bentonite chips (4'-1') and topsoil (1'-0')				
				-							
				-					\$		
METHOD (METHOD (METHOD) GROUND\	OF SOIL SA OF ROCK (WATER LEV	CING BORIN MPLING: CORING: VELS:	MACRO-CORE O	pen tube conti							NUS, Inc.
OTHER O	SERVATIO	ONS:	Phase I	Flag number	324	Former La	andfill area	BORING NO.: 64	7	PAGE:	1 OF 1 TtNUS Form 0018

BORING LOG FOR: PROJECT NO.: LOGGED BY: DRILLED BY (Company/Driller): GRD. SURFACE ELEVATION: Raymark OU9 RI/FS N1369 J. Lambert Aquifer Drilling & Testing/ Rob Ullmann							TRANSCRIBED BY:DH	BORING NO.: START DATE: COMPLETION: MON. WELL NO CHECKED BY:	0.:	647A 2/3/04 2/3/04 N/A JD	4	
GND. SUF	VEACE ELL	VATION.				_	ELEVATION FROM.	CHECKED BY:		<u>JD</u>		
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION		USCS or ROCK BRKN	(mois odo class	REMARKS sture condition; rs; geological sification; rock athering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
			No Samples collected				Refer to Boring Log Number 647 for soil profile det	ails from 0-4'			<u> </u>	[· i=3, (· · · · · · ·)]
4			from 0' - 4' bgs				↓					
		1.2	SBP-SO-647A-0406 Screening and		Slightly Dense	Brown	0' - 0.4' - Silty fine SAND, trace coarse sand		SM	Moist		PID=0.0 FID=0.0
5		2.0'	confirmation 2/3/04 @ 0945		Slightly Loose	Gray	0.4' - 0.8' - Fine-medium SAND, trace shells		SP			
						Brown	0.8' - 1.2' - Fine-coarse SAND, some subangular g	ravel, trace glass	SW/Fill			
6												
		1.5'	SBP-SO-647A-0608 Screening			▼ Gray Dark	0' - 0.1' - Fine-medium SAND, trace subrounded m 0.1' - 0.3' - Fine-medium SAND, some glass 0.3' - 1.0' - Fine-coarse SAND, some silt, trace glas		SP/Fill			PID=0.0 FID=4.6
7		/ 2.0	2/3/04 @ 0955		Slightly	Brown Yellow-	1.0' - 1.1' - Wood fragments	ss	SW/Fill			
					Dense	Brown			Fill			
8			SPR 60 0/31 00/0		Slightly Loose	Brown	1.1' - 1.5' - Fine-coarse SAND, some silt, some gla		SW/Fill			
		1.2'	SBP-SO-647A-0810 Screening				0' - 0.3' - Fine-medium SAND and WOOD fragmer	<u></u>	SP/Fill			PID=0.0 FID=88.5
9		/ 2.0°	2/3/04 @ 1005			+	0.3' - 1.0' - Fine-coarse SAND, trace metal fragmen	nts, trace glass	SW/Fitt			
,						Light Brown	1.0' - 1.2' - WOOD		Fill			,
10						<u></u>	<u> </u>		,	*		
		0.8'	SBP-SO-647A-1012 Screening			Brown	Silty fine-medium SAND, trace brick fragments		SM/Fill	Wet		PID=0.0 FID=0.0
12		2.0'	2/3/04 @ 1030	EOB @ 12' bgs		<u></u> ↓	<u> </u>					
TYPE OF	DRILLING F	elG:	GEOPROBE – Trac	:k- mounted (Ria 2)						Totro T	AULO Inc
METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: MCRO-CORE Open tube continuous samples to 4 feet in 2 N/A 10'						to 4 feet in 2	foot intervals	Note: Phase II Screening	g = Asbest Metal	os and	Tetra Tech	B NUS, Inc.
OTHER O	BSERVATION	DNS:	Phase II FID= D	/ PID= D	Old Flag ı	number 324	Former Landfill area – golf course	BORING NO.: 6	347A		PAGE: 1	OF 1

PROJECT LOGGED			N1369 D. McGrath		*		TRANSCRIBED BY: DH	START DATE: COMPLETION: DA	ΔTF·	1/13/04 1/13/04	
		any/Driller)		Testing/ S.	Prvzbviski			MON. WELL NO.:	· · · - ·	N/A	
		.EVATION:					ELEVATION FROM:	CHECKED BY:		JL	
	l ni 011/0	04140	OALIDI INO	4	(: (~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	And the second s	
DEPTH	BLOWS PER	SAMP REC.	SAMPLING TIME	DEPTH MAT'L	SOIL DENSITY/		MATERIAL		uscs	REMARKS	FIELD
(FEET)	6"	1	l &	CHG./	CONSIS.		CLASSIFICATION		or	(moisture condition; odors; geological	SCREENING DATA
_	l l	SAMP	SAMPLE NO.	WELL	or ROCK	CLR			ROCK BRKN	classification; rock	METHOD =
0	N/A	LENG.	(QA/QC STATUS)	PROF'L	HARD.		•			weathering; etc.)	[FID, (PPM)]
		1.1'	SBP-SO-648-0002		Loose	Light Brown	SAND, trace silt, trace fine gravel subrounded and su	ıbangular	SW	3" root plug	PID=0.0
		2.0	Screening]		1			-		FID=0.0
1		/	1/13/04 @ 1240								
				1						Dry	
2							↓				
			SBP-SO-648-0204	1			Similar to above, some gravel				
ļ		1.1'	Screening			ļ					
3		2.0'	1/13/04 @ 1245								
-				1						Wet	
	-					\ \	★		▼		
					↓	De d'Orene	Diseased Missed constants between				
4				EOB @		Red/Brown	Burned Wood waste at bottom		Fill		
				4' bgs			EOB @ 4' bgs - Backfill with bentonite chips (4'-1') a	nd topsoil (1'-0)			
<u> </u>				4							
	 										!
<u> </u>											
	<u> </u>										
											<u> </u>
									\$		1 '
-											<u> </u>
•											
TYPE OF	DRILLING	RIG [.]	GEOPROBE – 4x	4 mule						Tetra Tech	MillS Inc
		NCING BORI						_		Tella Tech	NOS, IIIG.
		SAMPLING:	MACRO-CORE (Open tube co	ntinuous samp	les to 4 feet in	2 foot intervals	_		(∟ `)
	OF ROCK		N/A					_			C
i	WATER LE										

BORING NO .:

BORING NO.: 648

648

Raymark OU9 RI/FS

Flag number 393

Former Landfill area

Phase I

BORING LOG FOR:

OTHER OBSERVATIONS:

PAGE: 1 OF

BORING LOG FOR: PROJECT NO.: LOGGED BY: DRILLED BY (Company/Driller): GRD. SURFACE ELEVATION: BLOWS SAMP SAMPLING DEPTH			Pryzbylski		 	TRANSCRIBED BY:DH	BORING NO.: START DATE: COMPLETION: MON. WELL NO CHECKED BY:	0.:	649 1/13/04 1/1/3/04 N/A JL			
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CI	_R	MATERIAL CLASSIFICATION	N	USC: or ROC BRKI	(moisture condition; odors; geological	FIELD SCREENING DATA METHOD = [FID, (PPM)]
1		2.0'	SBP-SO-649-0002 Screening 1/13/04 @ 1250		Loose		lium own	SAND, trace silt, some gravel - fine-medium and subrounded gravel, glass and metal piec		SP/F		PID=0.0 FID=0.0
2												
3		1.6' 2.0'	SBP-SO-649-0204 Screening 1/13/04 @ 1255			Red/E	Brown	Silty SAND, trace fine-coarse subangular and broken rock	d subrounded gravel,	SM/F	ill Damp	
4		 ·		EOB @	V	•	7	\			Wet/saturated	+
				4' bgs				EOB @ 4' bgs - Backfill with bentonite chips	(4'-1') and topsoil (1'-0)			
											_	
,				_						,		
ı	OF ADVAI OF SOIL S OF ROCK	NCING BORI SAMPLING: CORING:	MG: DIRECT- PUSH MACRO-CORE C N/A		ntinuous samp	oles to 4	feet in	2 foot intervals				NUS, Inc.

Former Landfill area

Phase I

OTHER OBSERVATIONS:

Flag number 349

1 OF

PAGE:

BORING NO.: 649

BORING L PROJECT LOGGED DRILLED GRD. SUF	'NO.: BY: BY (Compa	any/Driller): EVATION:	Raymark OU9 RI N1369 J. Lambert Aquifer Drilling &		o Ulimann		TRANSCRIBED BY: PP ELEVATION FROM:	BORING NO.: START DATE: COMPLETION: MON. WELL NO CHECKED BY:		650 1/13/04 1/13/04 N/A JD	
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS) SBP-SO-650-0002 Screening	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD. Loose	CLR Brown	MATERIAL CLASSIFICATION 0' – 0.3' – Grass/roots (frozen) 0' – 1.2' – Medium SAND, trace coarse sand, trace	e organics (roots)	USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.) Moist	FIELD SCREENING DATA METHOD = [FID, (PPM)] PID = 0.0 FID = 0.0
1		2.0'	1/13/04 @ 1445								
2		1.8'	SBP-SO-650-0204 Screening			Black Brown	1.2' – 1.5' – Asphalt pieces 0' – 1.3' – Medium-coarse SAND, trace shell fragm	nents	▼ Fill SP		PID = 0.0 FID = 0.0
3		2.0'	1/13/04 @ 1450			Dark Brown	1.3' – 1.8' – Mixed fine-coarse SAND and asphalt	fragments	SW/Fill		
4				EOB @ 4' bgs		1			—	\	
'											
		-							\$		
				<u></u>	<u> </u>	<u> </u>					
METHOD METHOD METHOD GROUND	DRILLING OF ADVAN OF SOIL S OF ROCK WATER LE	ICING BORIN AMPLING: CORING: IVELS:	GEOPROBE - Tr DIRECT- PUSH MACRO-CORE C N/A Phase I Flag Nu	Open tube cor	ntinuous sampl		d parallel to Short Beach FID/PID = B	BORING NO.: 6	50	T	NUS, Inc.

PROJECT	NO.:		N1369					BORING NO.: START DATE:		651 1/13/04		
LOGGED		any/Driller):	K. Jalkut/D. McGra ADT/S. Przybylski	tn		'	RANSCRIBED BY: LAH	COMPLETION: DA		1/13/04		
	RFACE ELE	-	AD170. 1 12ybylaki			— _E	ELEVATION FROM:	MON. WELL NO.: CHECKED BY:		N/A JL		_
				1940			10	VIII VIII VIII VIII VIII VIII VIII VII	PAGE 1			_
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION		or ROCK BRKN	(moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENIN DATA METHOD [FID, (PPM	=
		2' /	SBP-SQ-651-0002		Frozen	Red-brown	SAND (fine-medium), trace silt, asphalt, organics		SP	Root ball = 3"	FID = 0.0 PID = 0.0	'//
4		2	Screening 1/13/04 @ 1500		TIGEON	1100 0101111			+		PID = 0,0	_
1			1713/04 (@ 1500	1			Broken rock		GP	<u> </u>		
					<u> </u>		1				1-	
2			SBP-SO-651-0204	-	 		SAND- (fine-medium), trace coarse sand, trace s		sw			_
		2' /2'	Screening		Loose	Brown	burned wood debris burned, organics (trace), she SAND, trace silt, rocks	ells (trace)		Damp		
3		/	1/13/04 @ 1505	}	<u> </u>	Gray/			SM		-	
					ļ	Brown	Sandy SILT at bottom			Damp-wet		_
4							₩		\ \	Organic odor	↓ ↓	
				EOB @ 4' bgs			EOB @ 4' bgs - Backfill with Bentonite chips (4' -	1') and topsoil (1'- 0')			1	
							·					_
												_
				1							1	
												
					\vdash				>		 	_
<u> </u>				1							ļ	_
					l							_
TYPE OF	DRILLING	RIG:	GeoProbe – 4 X 4 Mi	ule						Tetra Tech	NUS, Inc.	
METHOD	OF ADVAN	ICING BORIN	IG: Direct - Push					_				
METHOD	OF SOIL S	AMPLING:	Macro – Core; Open	tube, continu	ous sampling to	4' in 2' interval	s			 	= _)	
METHOD	OF ROCK	CORING:	N/A								T.	
GROUND	WATER LE	VELS:	Not Encountered								ン	
OTHER C	BSERVATI	ONS:	Phase I. Flag No. 646	6; former Land	dfill area			BORING NO.:	651	PAGE:	1 OF 1	1

BORING I		:	Raymark OU	9 RI/FS						BORING NO.:		652		
PROJECT			N1369					TO A MOODINED DV		START DATE:		1/13/0		
LOGGED		<i>(</i> D-211)	J. Lambert	- 0 T4:	5-E + IV-			TRANSCRIBED BY:	<u> </u>	COMPLETION:		1/13/0	<u> </u>	
		pany/Driller)	: Aquifer Drillin	ig & resting/i	אווט מסא	nann		ELEVATION EDOM		MON. WELL N		N/A		
GRD. SUF	KPAUE EI	EVATION:						ELEVATION FROM:		CHECKED BY:		JD		
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	SC DENS CON or Re	SITY/ ISIS.	CLR		ATERIAL SIFICATION		USCS or ROCK BRKN	(mois odo: class	EMARKS ture condition; s; geological ification; rock thering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
			SBP-SO-652-0002	11101 =	Slig		Tan	0' – 0.3' – Fine-medium SAND, so	me angular gravel		SP	Moist	incling, etc.)	PID = 0.0
		1.6'			Loc		Gray	0.3' – 0.5' – Fine-coarse SAND an			sw	1		FID = 0.0
1		2.0'	Screening 1/13/04 @ 1515		П		Tan	0.5' – 1.6' – Fine-coarse SAND tra		rounded gravel	3**			PID = U.U
													-	
2						7			+			↓		
		1.9'	SBP-SO-652-0204 Screening		Loc	se	Gray Dark Brow	0' - 0.1' - Fine-medium SAND n 0.1' - 0.2' - Fine SAND, trace med	fium SAND		SP	Dry		PID = 0.0 FID = 0.0
3		2.0'	1/13/04 @ 1520				Tan	0.2' - 0.9' - Medium-coarse SANE	, trace fine SAND		sw			
							Light Tan	0.9' – 1.9' – Medium-coarse SAND			SP		-	
4						,		+				↓		
				EOB @ 4' bgs								 '		
				-							<u></u>			
					-						-			
				-										
,					·									
		<u> </u>		-	_						,			
					_									
				· ·					-	····				
TYPE OF		RIG: NCING BORI	GEOPROBE -		led (Rig	2)							Tetra Tech	NUS, Inc.
1		SAMPLING:	MACRO-COR		continuo	us san	nples to 4' in	2' intervals					(≖ _)
METHOD	OF ROCK	CORING:	N/A											C
GROUND	WATER LE	EVELS:												
OTHER O	BSERVAT	IONS:	Phase I Flag	Number 74	0 F	omer	landfill area	road parallel to Short Beach	FID/PID = B	BORING NO.: 6	552		PAGE:	1 OF 1

PROJECT NO: LOSGED BY: LAH COMPLETION: CATE: 1/13/04 UNION DEFINITION ADDRS: Phytykeks DESTRICT DESTRICT DESTRICT COMPLETION: CATE: 1/13/04 ADDRS: Phytykeks DESTRICT DESTRICT COMPLETION: CATE: 1/13/04 ADDRS: Phytykeks DESTRICT DESTRICT COMPLETION: CATE: 1/13/04 ADDRS: Phytykeks DESTRICT DESTRICT COMPLETION: CATE: 1/13/04 ADDRS: Phytykeks DESTRICT DESTRICT COMPLETION: CATE: 1/13/04 DESTRICT DESTRICT COMPLETION: CATE: 1/13/04 DESTRICT COMPLETION: C	BORING L	OG FOR:		Raymark OU9 RI/I	FS			R	BORING NO.		653			
D. McGottel BY: DRILLED BY: (Company)Ordier): DRILLED BY: (Company	PROJECT	NO.:		N1369										
CRILLED BY (Company/prime) ADTS, Przybyleki ELEVATION FROM: MON. WELL NO: NA	LOGGED	BY:		D. McGrath								· · · · · ·		
GRD. SURFACE ELEVATION: BLOWS SAMP SAMPLING THE NUMBER THE	DRILLED	BY (Compa	any/Driller):	ADT/S. Przybylski	• • •									
DEPTH DEPTH PER NEC. THE THE SAMP PER NEC. THE SAMP LENG (PERT) FOR NA LENG (PERT) FOR NA LENG (PERT) FOR NA LENG (PERT) SAMP LENG (PERT) FOR NA LENG (PERT) SAMP LENG (PERT) SA	GRD. SUF	RFACE ELL	EVATION:											
DEFTH PER REC. THE MATERIAL CONSISTRY CHOST SAMPLE NO. (CARCE) SAMPLE NO. (CARCE) CONSISTRY CHOST SAMPLE NO. (CARCE) CARCE NO. (CARCE) CAR		DI OMB	04140	0.1151.110					The second secon	Ann Salaman Article Article Challeng				
SBP-S0-683-0002 Sorrening 11304 @ 1515 SBP-S0-683-0204	(FEET)	PER 6"	REC. / SAMP	TIME & SAMPLE NO.	MAT'L CHG./ WELL	DENSITY/ CONSIS. or ROCK	CLR			or ROCK	(moisture cond geological cla	lition; odors; ssification;	SCRE DA META	ENING ATA HOD =
SBP-SC-653-0204 Screening 1.3 / 2 1/1304 SEPSION STAND, trace silt, trace fine gravel, subangular Light Brown EOB @ 4' bgs EOB @ 4' bgs - Backfill with Bentonite chips (4' -0.25') and asphalt Type OF DRILLING RIG: METHOD OF SOLI SAMPLING: METHOD OF SOLIT SAMPLING: METHOD OF SOLIT SAMPLING: METHOD OF SOLIT SAMPLING: METHOD OF SOLIT SAMPLING: METHOD OF SOLIT SAMPLING: METHOD OF SOLIT SAMPLING: METHOD OF SOLIT SAMPLING: METHOD OF SOLIT SAMPLING: METHOD OF SOLIT SAMPLING: METHOD OF SOLIT SAMPLING: METHOD OF SOLIT SAMPLING: METHOD OF SOLIT SAMPLING: METHOD OF S				Screening			Brown	Fine-coarse SAND, trace silt and gravel, fine-coarse subar subrounded gravel – possible road base	ngular and	SW/Fill	Asphalt = 5"	· · · · · · · · · · · · · · · · · · ·	FID = I	0.0
SBP-SC-653-0204 Screening 1/13/04 Screening 1/13	1			1/13/04 @ 1515										
SSPS-0-653-0204 Screening 1/13/04 SSPS-0-653-0204 Screening 1/13/04 Fine-coarse SAND, trace fine gravel, subangular Light Brown Brown EOB @ 4' bgs Backfill with Bentonite chips (4'-0.25') and asphalt (0.25-1) Type OF DRILLING RIC: METHOD OF ADVANCING BORING: METHOD OF ROCK CORNICS: METHO								Similar to above, less gravel			dry			
TYPE OF DRILLING RIC: METHOD OF ROUK CORNICS METHOD OF ROCK CORNICS GROUNDWATER LEVELS: Not Encountered Screening 1/13/04 Light Medium-coarse SAND, trace fine sand, trace fine gravol, subangular Brown Brown Light Medium-coarse SAND, trace fine sand, trace fine gravol, subangular Brown Damp Type OF DRILLING RIC: METHOD OF ADVANCING BORING: METHOD OF ROCK CORNICS GROUNDWATER LEVELS: Not Encountered NA NA NA Tefra Tech NUS, Inc. Tetra Tech NUS, Inc. NA NA NA NA NA Phase Lies No. 281 femore Landfill see.	2					li.	+		ļ					
Screening 1/1304 Light Brown EOB @ 4' bgs				SBP-SO-653-0204	b			Fine-coarse SAND, trace silt, trace fine gravel, subangular	r					
3				Screening			Brown]			
TYPE OF DRILLING RIG: METHOD OF ADVANCING BORNIG: METHOD OF ROCK CORING: GROUNDWATER LEVELS: METHOD OF ROCK CORING: GROUNDWATER LEVELS: MICHOROWATER	3		/ 1	1/13/04						ļ				
A Brown EOB @ 4' bgs	<u> </u>			17 10/04	1			Medium-coarse SAND trace fine sand, trace fine gravel	subangular		Dome			
TYPE OF DRILLING RIG: METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: METHOD OF ROCK C								Modelin Scales Co. 1175, trade line Sand, Tibbe line graves, S	Subangulai		Damp			
TYPE OF DRILLING RIG: METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: METHOD OF ROCK C												i		
TYPE OF DRILLING RIG: METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: METHOD OF ROCK	4				EOB @	_	-	EOB @ 4' bas - Backfill with Bentonite chips (4' -0 25') and	l aenhalt					<i>†</i>
METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: MICHOPART SAMPLING: MICHOPAR								(0.25'-1')	asprian					
METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: MICHOPART SAMPLING: MICHOPAR						1					1			
METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: MICHOPART SAMPLING: MICHOPAR	<u> </u>			·			-							
METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: MICHOPART SAMPLING: MICHOPAR							L							
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METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: MICHOPART SAMPLING: MICHOPAR														
METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: MICHOPART SAMPLING: MICHOPAR	,													
METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: MICHOPART SAMPLING: MICHOPAR						-								
METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: MICHOPART SAMPLING: MICHOPAR									İ	•				
METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: MICHOPART SAMPLING: MICHOPAR							1							
METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: MICHOPART SAMPLING: MICHOPAR						s 2								
METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: MICHOPART SAMPLING: MICHOPAR	TYPE OF	DRILLING F	RIG:	GeoProbe – 4 X 4 Mil	ıle							= -		
METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: GROUNDWATER LEVELS: Not Encountered Phase I. Flag No. 761: former Landfill area.	l				· -							retra rech	NUS, I	nc.
METHOD OF ROCK CORING: GROUNDWATER LEVELS: OTHER OBSERVATIONS: Phase I. Flag No. 761: former Landfill area.	l				tube, continue	ous sampling to	4' in 2' int	ervals						
GROUNDWATER LEVELS: Not Encountered OTHER OBSERVATIONS: Phase I Flag No. 761: former Landfill area													H	
OTHER OBSERVATIONS: Phase I Flag No. 761: former I andfill area	l										}			
BORING NO.: 653 PAGE: 1 OF 1	OTHER O	BSERVATI	ONS:	Phase I, Flag No. 761	; former Land	dfill area			BORING NO	D.: 653		PAGE:	1 OF	1

BORING L	.OG FOR:	:	Raymark OU9 F	RI/FS				BORING NO.:		654	
PROJECT	NO.:		N1369					START DATE:		1/13/04	
LOGGED	BY:		J. Lambert				TRANSCRIBED BY:DH	COMPLETION:	DATE:	1/13/04	
DRILLED	BY (Comp	any/Driller):	Aquifer Drilling	& Testing/ R	ob Ullmann			MON. WELL N	O.:	N/A	
GRD. SUF	RFACE EL	EVATION:					ELEVATION FROM:	CHECKED BY:		JD	
			0.1401.110	Contractors			., ., .,	,			
DEPTH	BLOWS PER	SAMP REC.	SAMPLING TIME	DEPTH	SOIL			EDIAL	uscs	REMARKS	FIELD
(FEET)	6"	KEO.	& &	MAT'L CHG./	DENSITY/ CONSIS.			ERIAL FICATION	ог	(moisture condition;	SCREENING
(, , ,		SAMP	SAMPLE NO.	WELL	or ROCK	CLR	CLASSII	FICATION	ROCK	odors; geological classification; rock	DATA METHOD =
0	N/A	LENG.	(QA/QC STATUS)	PROF'L	HARD.	OLIV	Asphalt – top 0.4' (not sampled)		BRKN	weathering; etc.)	[FID, (PPM)]
		,	SBP-SO-654-0002		Slightly	Light		rse sand, trace angular-subangular	SP	Moist	PID=0.0
		1.7'			Dense	Brown	gravel	•		1	FID=0.0
 		2.0'	Screening			Brown	0.4' - 1.0' - Finecoarse SAND; tra	ace annular gravel	\$W	 	***************************************
1		/ 2.0	1/13/04 @ 1550			DIOWII	0.4 = 1.0 = 1 me **coarse o/ (14), in	ace angular graver	ļ (M]	
<u> </u>			1710/04 (@ 1000	-		Dia ete	4.01 4.71 Fire serves CAND	me silt, trace cinders- possible burn	SW/Fill	 	
						Black	zone	me siit, trace cinders- possible burn	SVV/FIII		
		-					Lone			1 1	
							1				1
2					<u> </u>		ļ <u> </u>				
			SBP-SO-654-0204		▼	▼	0' - 0.6' - Similar material to above		▼		PID=0.0
		1.9'	Screening and		Slightly Loose	Orange	0.6' - 0.7' - Fine-medium SAND		SP		FID≂0.0
		2.0'	confirmation		Slightly Dense	Brown	0.7' - 0.8' - SILT, some fine sand		ML	1	
3			1/13/04 @ 1555		Loose	Orange	0.8' - 1.9' - Fine-medium SAND, to	ace coarse sand	sw		ļ
				1		Ť					-
				1	11						
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1.				1						♦	ļ
4					¥		- 	<u> </u>			
1				EOB @							}
	<u> </u>			4' bgs	<u> </u>					<u> </u>	
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										,	
		DIO:	OFORDORE T	naale reserve	od (rin 2)					— — — —	
TYPE OF			GEOPROBE - T	rack- mounte	ea (ng 2)					Tetra Tec	h NUS, Inc.
1		NCING BORI		Ones tube e	antinuous somelee	to 4 foot i= 0	fact intervals				
1		SAMPLING:		Open tube co	ontinuous samples	io 4 ieei in 2	, IOOL II REI VAIS				
METHOD			N/A								-
GROUND	WA LER LI	EVELS:									

Former Landfill area -road parallel to short beach

PID= B

Flag number 739

Phase I FID= B

OTHER OBSERVATIONS:

1 OF

PAGE:

BORING NO.:

654

BORING I	LOG FOR:		Raymark OU9 RI/F	-s							BORING NO.	:		655			
PROJECT	NO.:		N1369								START DATE			1/13/	/04		
LOGGED	BY:		D. McGrath		-			Т	RANSCRIBED BY:	LAH	COMPLETIO		TE:	1/13/		·	
DRILLED	BY (Compa	any/Driller):	ADT/S. Przybylski						•		MON. WELL			N/A			
	RFACE ELI							E	LEVATION FROM:		CHECKED B			JL			
								3	- S C			W first a separate	v engereur gemeensoor	i instituti necessora en tito			
DEPTH	BLOWS PER	SAMP REC.	SAMPLING TIME	DEPTH	80				V		3.4	US	cs	F	REMARKS	MILES SACRE	FIELD
(FEET)	6"	1	&	MAT'L CHG./	DENS					MATERIAL			or	(mois	sture condition;		REENING
		SAMP	SAMPLE NO.	WELL	or 1R		CLR			CLASSIFICATION			CK KN	odo	rs; geological sification; rock		DATA
0	N/A	LENG.	(QA/QC STATUS)	PROFIL	HAF							"	NI NI N	wea	sincation, rock athering; etc.)	IFIE	ETHOD = D, (PPM)]
			SBP-SO-655-0002		f		Brown	Med	dium-coarse SAND, tra	ce silt, some fine-co	parse subrounded and		P	Dry	<u> </u>	FID	= 0.0
		1,8'	Screening		Loo	se	-gray	sub	angular gravel							PID	= 0.0
		/ 2'	_									1					
1	<u> </u>		1/13/04 @ 1525					 				<u> </u>					
					1 1			Sim	nilar to above, with aspl	nalt, glass		'	▼				
l					-	_	-	Fine	- Coarea SAND, trans f	ina acerea enquier	subrounded gravel, trace	 _	147				
2					1			she	lls	me-coarse angulars	subrounded gravel, trace	8	W				
			SBP-SO-655-0204				-	Sim	ilar to above, some she	ells		╂	├-				
		1.3'	Screening and		1	:				0110			ŀ				
		2'	confirmation				Light	Med	ium-coarse SAND, tra	ce fine sand	<u> </u>	 	 -	-		-	+
3			1/13/04 @ 1530		1 1		Brown		1					Damp			
								1									
																	1
•														1			+
4					▼				<u> </u>			'	▼				▼
	ļ			EOB @	1			-05	0.42 5 100 10 5								
				4' bgs	<u> </u>			FUB	4 - Backfill with Be	entonite chips (4' -0.2	25') and asphalt (0.25'- 1')						
	<u> </u>							1									
 					<u> </u>			ļ								_	
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				-	<u> </u>			<u></u>		 							
TYPE OF	DRILLING I	RIG:	GeoProbe – 4 X 4 Mu	ıle	•												
		ICING BORIN													i letra le	ech NUS,	, Inc.
	OF SOIL S		Macro - Core; Open t	uhe continu	Otto came	nlina ta	4' in 2' in	tenrolo									
	OF ROCK		N/A	ase, continu	ous saili	hiniñ in	+ u1 Z III	COI VAIS							 	17	
i															l	-6)	
1	WATER LE		Not Encountered	. £ 1	4611												
OTHER	BSERVATI	UNS:	Phase I. Flag No. 753	; ronner Land	utili area						BORING NO).: 6	55		PAGE:	1 0	F 1

	' NO.: BY: BY (Com	: pany/Driller) LEVATION:	Raymark OU9 F N1369 J. Lambert Aquifer Drilling 8		. Pryzbylski		TRANSCRIBED BY:DH	BORING NO.: START DATE: COMPLETION MON. WELL N CHECKED BY:	0.:	656 1/14/04 1/14/04 N/A JD	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD!	CLR	MATERIAL CLASSIFICATION 0' - 0.3' - Grass/roots		USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		1.6'	SBP-SO-656-0002 Screening		Frozen	Brown	0.3' - 1.6' - Fine-coarse SAND, trace organics (roots), tr	race silt	sw		PID=0.6 FID=0.0
1			1/14/04 @ 0910		Slightly				-	Moist	
					Loose				+	-	
2		1.4'	SBP-SO-656-0204		Slightly Dense	-	0' - 0.6' - Silty fine SAND, some medium sand		SM		PID=0.0 FID=35.8
3		2.0'	Screening 1/14/04 @ 0915	1	- Delise	Black	0.6' - 1.0' - Silty fine SAND, some organics (roots)			-	11D=33.8
						Dark Brown	1.0' - 1.1' - PEAT		PT		
4				500.0	<u> </u>	1	1.0' - 1.4' - Silty fine SAND, some organics (roots), root	t fragments	SM	 	
ļ				EOB @ 4' bgs					-	-	
									-		
										-	
		<u></u>				-			1	· ·	
									,	-	
						<u> </u>		· · · · · · · · · · · · · · · · · · ·			
TYPE OF METHOD		RIG: NCING BOR	GEOPROBE – 42	<4 mule (rig	1)			 		Tetra Tecl	NUS, Inc.
METHOD METHOD	OF SOIL OF ROCK	SAMPLING: CORING:		Open tube co	ontinuous sam	oles to 4 fee	t in 2 foot intervals				t]
OTHER C			Phase I FID=E	PID= E	B Flag	number 4	65 Former Landfill area –golf course	BORING NO.:	656	PAGE:	1 OF 1 tNUS Form 0018

BORING I	OG FOR:		Raymark OU9 RI/I	FS			В	ORING NO.:		657	
PROJECT	NO.:		N1369					TART DATE:		1/14/04	
LOGGED	BY:		D. McGrath	***				OMPLETION:	DATE:	1/14/04	
DRILLED	BY (Comp	any/Driller):	ADT/S. Przybylski					ON. WELL NO		N/A	
	RFACE ELI							HECKED BY:		JL	
	1		······································								
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION		USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		2'	SBP-SO-657-0002 Screening		Frozen	Medium Brown	Fine-medium SAND, trace silt , organics		SP	Root plug = 3"	FID = 0.0 PID = 0.0
1		/ 2 [*]	1/14/04 @ 0845				Broken rock, trace subangular gravel		GP L	frozen	
					Loose						
2			SBP-SQ-657-0204		\vdash						
		1.8'	Screening		\vdash	Light	Fine-medium SAND, trace silt, degraded shells and glass,	broken	SP	-	
3		/ -	1/14/04 @ 0850		 	Brown Medium	rock	broken	- -	Wet	
						Brown and	Fine-medium SAND, trace silt, trace subangular fine-coar	se gravel	. :		
4				EOB @		black		oo giava	<u> </u>		
				4' bgs	<u> </u>	-	EOB @ 4' bgs - Backfill with Bentonite chips (4' -1') and to	psoil (1'- 0')			
									<u> </u>		
										-	
		-						_			
									>		
TYPE OF	DRILLING F	PIG:	GeoProbe – 4 X 4 Mu	<u>.</u>			1111				
		NG. ÇING BORIN								Tetra Tech N	VUS, Inc.
	OF SOIL S		Macro Core; Open to	uhe continue	ue compline t	A' in O' into	vale				\sim
	OF SOIL S/ OF ROCK (N/A	ube, William	no samping t) → III Z III(el	Yalo				<u>- </u>
i .	WATER LE		Not Encountered							(- 4	رد
	BSERVATI		Phase I. Flag No. 556	· former Land	fill area	······	T,	BORING NO	057		
LOTHERD	いつによるとい	UINU.	Friase I. Flay No. 330	, JURNIEL LEMO	un arca		l t	BURING NO.:	657	PAGE: 1	1 OF 1

				ob Ullmann		TRANSCRIBED BY:DH	BORING NO.: START DATE: COMPLETION: DATE: MON. WELL NO.: CHECKED BY:	658 1/14/04 1/14/04 N/A JD	
DEPTH PE	DWS SAMP ER REC. 6" / SAMP I/A LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD:	CLR	MATERIAL CLASSIFICATION 0' - 0.2' - Grass/roots	USCS or ROCK BRKN	(moisture o	condition; SCREENING DATA on; rock METHOD =
-	1.6'	SBP-SO-658-0002 Screening		Slightly Dense	Black Brown White	0.2' - 0.3' - Asphalt pieces 0.3' - 0.4' - Fine-coarse SAND, some gravel, trace sil 0.4' - 0.8' - Concrete, pulverized	t SW	Moist	PID=0.0 FID=0.8
1		1/14/04 @ 0930	1		Brown	0.6' - 1.6' - Fine-coarse SAND, trace gravel (subroun	ded) SW	Moist	
2	1.6'	SBP-SO-658-0204		+	Dark Brown	0' - 0.6' - Silty fine-coarse SAND, trace organics (root	ts) SM		PID=8.0 FID=5.1
3	2.0'	Screening 1/14/04 @ 0935		Slightly Loose Slightly	Brown	0.6' - 0.8' - Coarse SAND 0.8' - 1.6' - Silty fine-medium SAND, trace subrounded	SP sed gravel SM		
4			500.6	Dense	1		•		
		-	EOB @ 4' bgs						
			_				,		
METHOD OF S	ADVANCING BOF SOIL SAMPLING: ROCK CORING: 'ER LEVELS;	GEOPROBE - T	Open tube co	ntinuous sampl	es to 4 feet in	i 2 foot intervals Former Landfill arearoad parallel to short beach	BORING NO.: 658		Tetra Tech NUS, Inc. PAGE: 1 OF 1

BORING L	OG FOR:		Raymark OU9 RI/I	FS			BORING	NO ·	659	
PROJECT	NO.:		N1369				START L		1/14/04	
LOGGED	BY:		D. McGrath		·-·			TION: DATE:		
DRILLED	BY (Compa	any/Driller):	ADT/S. Przybylski				MON. W		N/A	
GRD. SUF	RFACE ELI	EVATION:			·		ELEVATION FROM: CHECKE		JL	
	51 51115	0.1147								
DEPTH	BLOWS PER	SAMP REC.	SAMPLING TIME	DEPTH	SOIL			USCS	REMARKS	FIELD
(FEET)	6"	//	&	MAT'L CHG./	DENSITY/ CONSIS.		MATERIAL	ОГ	(moisture condition; odors;	SCREENING
		SAMP	SAMPLE NO.	WELL	or ROCK	ÇLR	CLASSIFICATION	ROCK BRKN	geological classification;	DATA
0	N/A	LENG.	(QA/QC STATUS)	PROF'L	HARD.				rock weathering; etc.)	METHOD = [FID, (PPM)]
			SBP-SO-659-0002		1 .	Light	Fine-medium SAND, trace silt, trace fine-coarse subangular gravel	SP	Root ball = 3"	FID = 0.0
		1.8'	Screening		Frozen	Brown	shells, glass		l <u>.</u>	PID = 0.0
			_						Frozen	
1			1/14/04 @ 0855	-				<u> </u>		
					\ \		₩	↓		
							Fine-coarse SAND, trace silt, trace fine gravel	sw	†	
2				_	Loose					
		1.5'	SBP-SO-659-0204				Fine-medium SAND, trace silt, trace fine-coarse gravel, subangular	SP		
<u> </u>		1.3	Screening		—		<u> </u>			
3		/ -	1/14/04 @ 0900			\ \ \	↓	₩ .		
				1	1	Black	Sandy SILT, wood debris, large quantity of glass, brick/mortar, and	SM	Wet Saturated	
	·			İ		1	broken rock	1	Scioratod	
									1	
4				E00.00			▼			▼
				EOB @ 4' bgs	,		EOB @ 4' bgs - Backfill with Bentonite chips (4' -1') and topsoil (1'-			
				4 Dys	-		200 @ 7 0go Daokiii Will Delitoriite Crisps (4 -1) and topson (1-	· · · · · · · · · · · · · · · · · · ·	-	
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				-						
				1						
								- 1		
								1		
				<u> </u>	· · · · · · · · · · · · · · · · · · ·					
TYPE OF	DRILLING I	RIG:	GeoProbe – 4 X 4 ML	ıle					Total Total	h MILIC Inc
METHOD	OF ADVAN	CING BORIN	G: Direct - Push						retia Tecr	h NUS, Inc.
METHOD	OF SOIL S	AMPLING:	Macro – Core; Open	tube, continuo	ous sampling to	4' in 2' int	ervals			
	OF ROCK		N/A		<u> </u>					
GROUND	WATER LE	VELS:	Not Encountered							
OTHER O	BSERVATI	ONS:	Phase I. Flag No. 487	7; former Land	Ifill area		BORIN	3 NO.: 659	PAGE.	1 OF 1

	NO.: BY: BY (Comp	: pany/Driller): _EVATION:	Raymark OU9 R N1369 J. Lambert Aquifer Drilling &		ob Ullmann		TRANSCRIBED BY:DH	BORING NO.: START DATE: COMPLETION: MON. WELL NO CHECKED BY:	0.:	660 1/14/0 1/14/0 N/A JD		
DEPTH (FEET) 0	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS) SBP-SO-660-0002 Screening 1/14/04 @ 1000	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD. Loose	CLR Brown	MATERIAL CLASSIFICATION 0' - 0.2' - Grass/roots (frozen) 0.2' - 0.5' - Medium-coarse SAND, trace fine grave 0.5' - 1.5' - Fine-coarse SAND, trace silt	el	USCS or ROCK BRKN SP	(moist odors classi	EMARKS urre condition; s; geological fication; rock hering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)] PID=0.0 FID=0.0
3		1.8' 2.0'	SBP-SO-660-0204 Screening 1/14/04 @ 1005	EOB @ 4' bgs	Slightly Dense Loose	Orange	0' - 0.9' - Fine SAND, some silt, trace gravel (angi		SP V	•		PID=0.0 FID=0.0
TYPE OF METHOD METHOD GROUND!	OF ADVAN OF SOIL S OF ROCK WATER LE	ICING BORII AMPLING: CORING: EVELS:	GEOPROBE – Tra NG: DIRECT- PUSH MACRO-CORE O N/A Phase I FID= E)pen tube con	ntinuous sample	es to 4 feet in	2 foot intervals Former Landfill area –road parallel to short beac	th BORING NO.: 6	,		Tetra Tech	NUS, Inc.

BORING L	OG FOR:		Raymark OU9 R	I/FS				BORING NO.		004		
PROJECT	NO.:		N1369					START DATE		661	· · · · ·	
LOGGED	BY:		D. McGrath				TRANSCRIBED BY: LAH			1/14/04		
		any/Driller):	ADT/S. Przybylsk	i			TOTAL EAR	COMPLETION				-· · · <u>-</u> - · · ·
GRD. SUF				<u>.</u>			ELEVATION FROM:	MON. WELL		_N/A		· · · · · · · · · · · · · · · · · · ·
r		- <u>-</u> -						CHECKED B	τ.	_JL		
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP	SAMPLING TIME & SAMPLE NO.	DEPTH MAT'L CHG./ WELL	DENSITY/ CONSIS. or ROCK	CLR	MATERIAL CLASSIFICATION		or ROCK BRKN	(moisture conditio	n; odors;	FIELD SCREENING DATA
0	N/A	LENG.	(QA/QC STATUS)	PROF'L	HARD.		<u></u>	- 1	DIKKN	rock weathering	j; etc.)	METHOD = [FID, (PPM)]
		1,8' 2'	SBP-SO-661-0002 Screening		Frozen	Red- Brown	Fine-medium silty SAND, trace fine-coarse gravel and b organics, bumt wood debris	proken rock,	SM/Fill	Grass plug = 2" Frozen	F	FID = 0.0 PID = 0.0
1			1/14/04 @ 1000	1		<u> </u>		- 1				
					<u></u>					l.		
2					Loose		Similar to above without wood debris	- 1				
		1.3'	SBP-SO-661-0204 Screening and									
	·	/ 2	Confirmation								-	_
3			1/14/04 @ 1005	4		₩_	<u> </u>			Wet	111	
						Black	Fine sandy SILT, trace burnt material, trace coarse subri gravel, organics and glass	ounded		Saturated		
4				F00 0					+	Organic odor		+
				EOB @ 4' bgs			EOB @ 4' bgs - Backfill with Bentonite chips (4' -1') and the	topsoil (1'- 0')				
		i				-						
										<u></u>		
,						-						<u></u>
		-										
								- 1				
												·····
												
TYPE OF I			GeoProbe – 4 X 4 Mu	ule				_		Te	tra Tech No	JS, Inc.
Į.	OF SOIL SA	CING BORIN MPLING:	G: Direct - Push Macro - Core; Open	tube, continu	ous sampling to	4' in 2' inte	rvals	_)
METHOD (OF ROCK C	ORING:	N/A					_				
GROUNDV	VATER LEV	ELS:	Not Encountered					_				ソ
OTHER OF	SERVATIO	NS:	Phase I. Flag No. 310); former Land	dfill area			BORING NO.	: 661	PAG	SE: 1	OF 1

1 OF

	NO.: BY: BY (Comp RFACE EL	oany/Driller): .EVATION:			ob Ulimann	The state and a st	TRANSCRIBED BY:	BORING NO.: START DATE: COMPLETION: D MON. WELL NO. CHECKED BY:		662 1/14/04 1/14/04 N/A JD	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION 0' - 0.3' - Grass/roots		USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		1.7	SBP-SO-662-0002 Screening		*	Brown	0.3' - 1.0' - Fine-coarse SAND, trace silt, trace organics (roots)	sw	* frozen soil	PID=0.0 FID=0.0
1			1/14/04 @ 1015	_	Slightly Loose		1.0' - 1.2' - Fine-coarse SAND, trace roots		+	Moist	
2			SBP-SO-662-0204	-	Slightly Dense	▼ Orange	1.2' - 1.7' - Fine SAND, some silt 0' - 0.1' - Similar material to above		SP		PID≃0.0
3		1.6' 2.0'	Screening 1/14/04 @ 1020		Slightly Loose	Gray	0.1' - 0.4' - Fine-medium SAND				FID=0.0
)				0.4' - 1.6' - Medium-coarse SAND				
4				EOB @	+	*	<u> </u>		\	▼	
				4' bgs							
,				_							
									>		
1	OF ADVAI OF SOIL S OF ROCK	NCING BORII SAMPLING: CORING:	GEOPROBE – Tri NG: DIRECT- PUSH MACRO-CORE C N/A	Open tube cor	ntinuous sampl					Tetra Tech	NUS, Inc.
OTHER O	BSERVAT	IONS:	Phase FID=	B PID= 8	Flag	number 72	8 Former Landfill area –road parallel to short beach	BORING NO.: 662	2	PAGE: 1	OF 1 NUS Form 0018

Screening 1	
Screening 1	FIELD SCREENING DATA METHOD = [FID, (PPM)]
SBP-SO-663-0204 Screening 1/14/04 @ 1050 Similar to above with wood debris and glass Wet	FID = 0.0 PID = 0.0
Screening 1.3' 2' Screening 1/14/04 @ 1050 Solution of the state of t	
Similar to above with trace coarse sand Saturated	FID = 2.6 FID = 0.0
1 0.0)	
EOB @ 4' bgs EOB @ 4' bgs - Backfill with Bentonite chips (4' -1') and topsoil (1'- 0')	
TYPE OF DRILLING RIG: GeoProbe – 4 X 4 Mule Tetra Tech N NETHOD OF ADVANCING ROBING: Direct Purch	US, Inc.
METHOD OF ADVANCING BORING: Direct - Push METHOD OF SOIL SAMPLING: Macro Core; Open tube, continuous sampling to 4' in 2' intervals	.)
METHOD OF ROCK CORING: N/A CROUNDWATER LEVELS: Net Encountered.	•J
GROUNDWATER LEVELS: Not Encountered OTHER OBSERVATIONS: Phase I. Flag No. 328; former Landfill area BORING NO.: 663 PAGE: 1	OF 1

BORING L	.OG FOR:		Raymark OU9 R	I/FS				BORING NO.:			664		
PROJECT			N1369					START DATE:			1/14/04		
LOGGED			J. Lambert				TRANSCRIBED BY:DH	COMPLETION: DA			1/14/04	 	
		any/Driller):	Aquifer Drilling &	Testing/ Ro	b Uilmann		ELEVATION EDOM:	MON. WELL NO.:			N/A		
GRD. SUF	RFACE ELI	EVATION:					ELEVATION FROM:	CHECKED BY:			JD		
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD!	CLR	MATERIAL CLASSIFICATION 0' - 0.2' - Grass/roots		USI O ROI BRI	r CK	(moistu odors classif	MARKS are condition; geological ication; rock	FIELD SCREENING DATA METHOD =
	1		SBP-SQ-664-0002	FROFE	Slightly	Gray	0.2' - 0.5' - Fine-medium SAND, some organics (roots)		SI	-	Moist	nering; etc.)	[FID, (PPM)] PID=0.0
		1.4'	Screening		Loose	<u></u>			Ĭ		liviolat		FID=0.0
1	<u> </u>	2.0'	1/14/04 @ 1050			Brown	0.5' - 1.0' - Fine-medium SAND, trace organics (roots)						
						Light Brown	1.0' - 1.4' - Fine-medium SAND	"					
_				İ						\neg			
2			SBP-SO-664-0204	-	\vdash	Black	0' - 0.2' - Fine-medium SAND				-		DID 8.6
	 	1.5'	SBP-SU-664-0204			Gray	0.2' - 0.8' - Fine-Medium SAND, trace subrounded-rounded	ed gravel trace					PID=0.0 FID=0.0
		2.0'	Screening			I	O.Z. C.O. Timo modulin of 440, page adjourned found	sa grater, nace	-				110-0.0
3		/ 2.0	1/14/04 @ 1055							,			
				1 1		Orange	0.8' - 1.3' - Medium-coarse Sand, trace fine sand		Si	w			
4						Tan	1.3' - 1.5' - Fine-coarse SAND, some gravel (rounded)		↓	,	\downarrow		
				EOB @							<u> </u>		
				4' bgs						\dashv			
				-					_	_		 	
						Į							
									,				
				-		_							
						<u> </u>				_			
						L							
	DRILLING I		GEOPROBE - Tra	ack- mounted	l (rig 2)							Tetra Tech	NUS, Inc.
		ICING BORI					C. A.C. allahara						
l	OF SOIL S		MACRO-CORE C	pen tube cor	ntinuous samp	ies to 4 feet	In ∠ tool intervals					1777	t
GROUND	WATER LE	VELS:											
OTHER O	BSERVATI	ONS:	Phase I FID= B	B PID= E	Flag !	number 726	Former Landfill area -road parallel to short beach	BORING NO.: 664				PAGE: 1	OF 1

BORING I			Raymark OU9 RI/F N1369	FS				BORING NO.: START DATE:		665 1/14/04	
LOGGED			D. McGrath		***		TRANSCRIBED BY: LAH	COMPLETION:	DATE	1/14/04	.
		any/Driller):	ADT/S. Przybylski				TO THOUSE BY:	MON. WELL N		N/A	
GRD. SUF			- No No N I I I I I I I I I I I I I I I I				ELEVATION FROM:	CHECKED BY:		JL JL	
	W / KOL LL						LLEVATION TROWN.	CHECKED BT.		JL	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION		USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		2' /2'	SBP-SO-665-0002 Screening		Loose	Red- Brown	Silty SAND, trace fine-coarse gravel, broken brick	k, organics	SM	Grass plug = 3"	FID = 0.0 PID = 0.0
1		/ -	1/14/04 @ 1110								
					Dense	brown	Broken rock		GP		
2							1 1				
			SBP-SO-665-0204						+		
		1.3'	Screening		Loose	Red	Similar to above with fine and coarse gravel		SM		
3		2'	1/14/04 @ 1115								
ļ				1						Wet	
}											
		i									FID = 10.4
4					V		V		▼	Saturated	PID = 0.0
				EOB @	İ		POD O Albert Destricted Brown in the state of the state o				
ļ				4' bgs			EOB @ 4' bgs - Backfill with Bentonite chips (4' -1	') and topsoil (1'- 0')			
Ì											
ļ				1							
											1
										1	
									<u> </u>		
								- 			
											
į '				,							
				1					. ,	<u> </u>	·
										<u> </u>	
											
						Ĺ					
TVDE OF	ORILLING I	NG.	GeoProbe – 4 X 4 Mul	<u> </u>							
		(IG: CING BORIN								Tetra Tecl	n NUS, Inc.
				uha continuo	ue compline to	4º in 2º inton	ala				
METHOD			Macro - Core; Open to N/A	upe, continuo	us samping to	+ iii z mærv	ais			ļ 17 ,	3.
	OF ROCK (Not Encountered								u j
ľ	WATER LE BSERVATI		Phase I. Flag No. 348;	former Lord	fill area			T PORTUGALE			
I OTHER O	DOEKVAII	JNO.	Filase I. Flay No. 346,	, wither carro	ıııı atea			BORING NO.:	665	l PAGE:	1 OF 1

BORING LOG FOR: PROJECT NO.: LOGGED BY: DRILLED BY (Company/Driller): GRD. SURFACE ELEVATION: BLOWS SAMP SAMPLING				ob Ullmann		TRANSCRIBED BY:DH	BORING NO.: START DATE: COMPLETION: DATE: MON. WELL NO.: CHECKED BY:		666 1/14/04 1/14/04 N/A JD		
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION 0' - 0.2' - Grass/roots		USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
4		1.6' 2.0'	SBP-SO-666-0002 Screening		Slightly Loose	Light Tan Dark Gray	0.2' - 1.0' - Fine-coarse SAND, some gravel 1.0' - 1.3' - Fine-medium SAND, trace shell fragments		SW SP	Dry	PID=0.0 FID=0.0
1	:		1/14/04 @ 1110	1		Light Tan	1.3' - 1.8' - Medium-coarse SAND				
2		1.6'	SBP-SO-666-0204				0' - 0.7' - Fine-medium SAND				PID=0.0 FID=0.0
3		2.0'	Screening 1/14/04 @ 1115	1			0.7' - 1.6' - Medium-coarse SAND, trace fine sand		sw		
4							—		+		
				EOB @ 4' bgs							
		-									
				-							
				-					\$		
	OF ADVAN OF SOIL S OF ROCK WATER LE	ICING BORII AMPLING: CORING: EVELS:	GEOPROBE - Tra NG: DIRECT- PUSH MACRO-CORE C N/A Phase i FID= E	Open tube con	ntinuous samp	les to 4 feet in	2 foot intervals Former Landfill area –road parallel to short beach	BORING NO.: 60	66	Tetra Tec	th NUS, Inc.

	NO.: BY:	any/Driller): EVATION:	N1369 D. McGrath ADT/S. Przybylsk				TRANSCRIBED BY: LAH ELEVATION FROM:	BORING NO.: START DATE: COMPLETION MON. WELL N CHECKED BY	I: DATE: IO.:	667 1/14/04 1/14/04 N/A JL		
DEPTH (FEET) 0	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS) SBP-SO-667-0002 Screening 1/14/04 @ 1125	OEPTH MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD. Loose	CLR Light Brown Red- brown	MATERIAL CLASSIFICATION Fine-medium SAND, trace silt Small layer red/black debris (unknown type) SAND, trace silt, broken fine coarse gravel		USCS or ROCK BRKN SP	REMA (moisture con geological cl rock weath	dition; odors; lassification;	FIELD SCREENING DATA METHOD = [FID, (PPM)] FID = 0.0 PID = 0.0
3		1' 2'	SBP-SO-667-0204 Screening 1/14/04 @ 1130	- EOB @	•	Black	Similar to above, with coarse gravel Degraded paper and seashells, glass and metal		FILL	Damp		
				4' bgs			EOB @ 4' bgs - Backfill with Bentonite chips (4' -1') an	nd topsoil (1'- 0')				
METHOD METHOD METHOD GROUND	OF SOIL SA OF ROCK (WATER LE	CING BORIN AMPLING: CORING: VELS:	Macro – Core; Oper N/A Not Encountered	n tube, continu		o 4' in 2' inte	rvals				Tetra Tech I	NUS, Inc.
OTHER O	BSERVATIO	ONS:	Phase I. Flag No. 30	08; former Lan	dfill area			BORING NO.:	667	F	PAGE: 1	I OF 1

	NO.: BY: BY (Comp	any/Driller): EVATION:	Raymark OU9 R N1369 J. Lambert Aquifer Drilling &		ob Ullmann		TRANSCRIBED BY:	BORING NO.: START DATE: COMPLETION MON. WELL N CHECKED BY	I: DAT IO.:	E:	668 1/14/0 1/14/0 N/A JD		
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION		RC	SCS or OCK RKN	(moist odor class	EMARKS ure condition; s; geological lification; rock thering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
1		1.7'	SBP-SO-668-0002 Screening 1/14/04 @ 1130		Slightly Loose	Gray Tan	0' - 0.4' - Fine-medium SAND 0.4' - 1.1' - Similar material to above (color change only)	S	SP	Moist	<u> </u>	PID=0.0 FID=0.0
2						Light Tan	1.1' - 1.7' - Medium SAND, some fine sand						
<u> </u>		1.8' 2.0'	SBP-SO-668-0204 Screening and confirmation 1/14/04 @ 1135				0' - 0.9' - Medium SAND, some fine sand						PID=0.0 FiD=0.0
3			(14)04 (g) 1133			Tan Light Tan	0.9' - 1.2' - Medium-coarse SAND 1.2' - 1.8' - Fine-medium SAND		· ·				
4				EOB @ 4' bgs	₩					*			
											-		
,													
										,			
TYPE OF I	ORILLING	RIG:	GEOPROBE ~ Tra	ck- mounted	(rig 2)								
	OF ADVAN OF SOIL S OF ROCK VATER LE	ICING BORIN AMPLING: CORING: VELS:			tinuous sampl	es to 4 feet in	2 foot intervals Former Landfill area –road parallel to short beach	POPINO NO	AAA			Ī	t NUS, Inc.
J. I. I. OL	<u> </u>	<u> </u>	11001 110-0	, ip D	. rugi		- Same Editerin cross - Joan parallel to Short beach	BORGINO.: 1	668			PAGE:	1 OF 1 TNUS Form 0018

BORING I			Raymark OU9 RI/F	S				BORING NO	.:	669	
PROJECT			N1369					START DATE	E:	1/14/04	
LOGGED			D. McGrath				TRANSCRIBED BY: LAH	COMPLETIC	N: DATE:	1/14/04	
DRILLED	BY (Compa	any/Driller):	ADT/S. Przybylski					MON. WELL		N/A	
GRD. SUF	RFACE ELE	EVATION:					ELEVATION FROM:	CHECKED B		JL	
		r									
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO.	MAT'L CHG./ WELL	DENSITY CONSIS. or ROCK	1	MATER CLASSIFIC		or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD =
0	N/A	LENG.	(QA/QC STATUS)	PROF'L	HARD.						[FID, (PPM)]
			SBP-SO-669-0002		١.	Dark Brown	Fine-medium silty SAND, trace fine	gravel, organics, broken rock	SM	Root plug = 5"	FID = 0.0
		2.0'	Screening		Loose	BIOWIT				- Frozen	PID = 0.0
1		/ 2'	1/14/04 @ 1150			↓	_		+	riozen	
						Medium Brown	Fine coarse SAND, trace silt, trace t	fine subangular/rounded gravel	sw		
2											
		1.5'	SBP-SO-669-0204				Fine-medium SAND, trace coarse s subangular and subrounded gravel	and, trace silt, trace fine-course,			
		2'	Screening								-
3			1/14/04 @ 1200		l i						
						1					
						1					
4					 	1 1	1		\	Damp	
				EOB @			500 0 414 D 150 40 0		_		<u> </u>
				4' bgs			EOB @ 4' bgs - Backfill with Bentoni	ite chips (4' -1') and topsoil (1'- 0')			<u> </u>
					<u> </u>				-		
		:									
,											
									- 5		 -
						1					
				_		<u> </u>					<u></u>
TYPE OF	DRILLING F	RIG:	GeoProbe – 4 X 4 Mu	ıle						Tetra Tech	NIIS Inc
METHOD	OF ADVAN	ICING BORIN	G: Direct - Push							Telia Tech	TVOS, IIIC.
	OF SOIL SA		Macro - Core; Open t	tube, continuo	ous sampling	to 4' in 2' inte	ervals				
	OF ROCK		N/A								
	WATER LE		Not Encountered								
	BSERVATION		Phase I. Flag No. 309	; former Land	ifili area			BORING NO	D.: 669	PAGE:	1 OF 1
								#5110 IN		I FAGE.	1 OF 1

BORING LOG I PROJECT NO. LOGGED BY: DRILLED BY (G GRD. SURFAC	.: Company/Di		Raymark OU9 R N1369 J. Lambert Aquifer Drilling &		b Ullmann		TRANSCRIBED BY:	BORING NO.: START DATE: COMPLETION: DATE: MON. WELL NO.: CHECKED BY:		670 1/14/04 1/14/04 N/A JD	
DEPTH PE	OWS SAMER REG 6" / SAM	C. MP	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION 0' - 0.2' - Grass/roots	USC or ROC BRI	CK (REMARKS moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
1		2.0' s	BP-SO-670-0002 creening /14/04 @ 1345		Slightly Loose	Tan Brown	Fine-coarse SAND, trace silt	sv		0.8' - frozen)	PID=0.0 FID=0.0
			-							Moist	
2		2.0' s	BP-SO-670-0204 .				Fine-medium SAND, trace coarse sand				PID=0.0 FID=0.0
3		1,	/14/04 @ 1350								
4				EOB @ 4' bgs	+	+	<u> </u>			+	
		<u> </u>									
								s			
			0500005		(4-9)						
TYPE OF DRILL METHOD OF AI METHOD OF RO METHOD OF RO GROUNDWATE OTHER OBSER	DVANCING I OIL SAMPLIN OCK CORIN ER LEVELS:	NG: G:	GEOPROBE - Tra DIRECT- PUSH MACRO-CORE O N/A Phase I FID= B	pen tube con	tinuous sample	es to 4 feet		h BORING NO : 670		Tetra Tech	NUS, Inc.

BORING L	OG FOR:		Raymark OU9 RI/F	=S			BORIN	NG NO.:	671	
PROJECT			N1369					T DATE:	1/14/04	
LOGGED	BY:		D. McGrath	•				PLETION: DATE:	1/14/04	
		any/Driller):	ADT/S. Przybylski					WELL NO.:	N/A	
	RFACE ELE							KED BY:	JL	
				# = 1 pp = 101 = 101 = 101 = 101 1						
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION	or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		1.8'	SBP-SQ-671-0002 Screening		Frozen	Red-	Silty SAND, trace fine gravel, organics	SM	Root ball = 2"	FID = 0.0 PID = 0.0
1		/2'	1/14/04 @ 1345	ļ		Brown	\		Frozen	
						▼ Gray- Brown	Fine SAND, trace silt, trace silt, seashells	SP		
2						ı		1 1		
		1.6'	SBP-SO-671-0204 Screening		*	—	Broken rock	GP		
3	-	2'	1/14/04 @ 1350		Loose	Black	Sandy SILT, wood debris, trace fine subangular gravel	SM		<u> </u>
		:						<u> </u>	Organic odor	
4			= · · · ·				★		wet	₩
				EOB @ 4' bgs	,	.	EOB @ 4' bgs - Backfill with Bentonite chips (4' -1') and topsoil	l (1'- 0')		-
								<u>. </u>		
										-
,										
			· · · · · · · · · · · · · · · · · · ·	-						
					1					
	ORILLING R		GeoProbe 4 X 4 Mu	ule					Tetra Tecl	NUS, Inc.
METHOD	OF ADVANC	CING BORING	G: Direct - Push							_ `
METHOD	OF SOIL SA	MPLING:	Macro – Core; Open	tube, continu	ous sampling to	o 4' in 2' inte	ervals		 	= _]
METHOD (OF ROCK C	ORING:	N/A							
GROUND	VATER LEV	/EL\$:	Not Encountered							
OTHER O	SERVATIO	NS:	Phase I. Flag No. 325	5; former Lan	dfill area		BOF	RING NO.: 671	PAGE:	1 OF 1
										

BORING PROJECT		:	Raymark OU9 Ri N1369	I/FS					BORING START		_	672	24	
LOGGED			J. Lambert							.ETION: DA	_	1/14/0 1/14/0		
		any/Driller):		Testing/S	Prvzt	vlski				VELL NO.:	_	N/A	<u>/T</u>	
		EVATION:	T TO GATTON DATES OF	1000	,	, ,			ELEVATION FROM: CHECK		_	JD		
							ci					·		
DEPTH	BLOWS PER	SAMP REC.	SAMPLING TIME	DEPTH MAT'L	SO DENS	SITY/			MATERIAL		USCS		REMARKS isture condition;	FIELD SCREENING
(FEET)	6"	SAMP	SAMPLE NO.	CHG./ WELL	ON or Re	OCK	CI	.R	CLASSIFICATION		ROCK BRKN		ors; geological ssification; rock	DATA METHOD =
0	N/A	LENG.	(QA/QC STATUS)	PROF'L	HAF				0' - 0.3' - Grass/roots				eathering; etc.)	[FID, (PPM)]
		1.7'	SBP-SO-672-0002		Sligi	-	Bro	nwo	0.3' - 0.4' - Coarse SAND and fine GRAVEL		SP/GP	Moist	(PID=0.0 FID=1.7
		2.0'	Screening				Red-l	Brown	0.4' - 0.7' - Silty fine-medium SAND, some organics (roots)		SM	1		
1			1/14/04 @ 1410	4					0.7' – 0.8' - Fine GRAVEL (angular)		GP	₩		
		1						ay low	0.8' – 0.9' - Fine SAND		SP			
			ł		\vdash			ay	0.9' - 1.0' - Fine-medium SAND			1		
			l		J	_		ay Brown	1.0' - 1.7' - Fine sandy SILT, trace plastic, organics		▼ ML/Fill]
2			ODD 00 070 0004	4	Clie	ladis a		av	0' - 0.1' - Fine SAND, some silt		SP	\vdash		217
		1.2'	SBP-SO-672-0204		Slig Der			ay Brown	0.1' - 0.2' - Fine-coarse SAND, some charcoal fragments (possible I	hura zono)	SW/Fill			PID=0.0
<u> </u>			Screening		<u> </u>		Daik	DIOWII	0.1 - 0.2 - Fine-coarse SAND, some charcoar tragments (possible i	barri zone)	SAALIII	1 1		FID=36.5
3		2.0'	1/14/04 @ 1415						0.2' - 0.3' - Wood, some plastic fragments		Fill			
]			,	7	0.3' - 0.8' - Fine sandy SILT		ML			
				1			Yel		0.8' - 0.9' - Fine sandy SILT (color change only)					
								nge Drown	DOLAGE CITY CAND		O. C.			
4	<u> </u>			500.0	 '	<u> </u>	Dark	Brown	0.9'-1.2' - Silty fine-medium SAND		SM/Fill	↓	<u> </u>	
				EOB @ 4' bgs										
				-						-		 	··	<u> </u>
<u> </u>		-			<u></u>									
				1										
	ļ <u>-</u> -				<u> </u>									
											*			
				1							-			
					<u> </u>							1		
TYPE OF	DRILLING	RIG:	GEOPROBE – Tra	ack- mounte	ed (ria 2)							Tetra Tech	MIIC Inc
		NCING BORI			· · · · · · · · ·	,							Tetra Tecn	IVUS, INC.
		SAMPLING:	MACRO-CORE C	Open tube or	ontinuo	us sam	ples to	4 feet i	2 foot intervals				(—	.)
	OF ROCK		N/A										▎	Gi .
l l	WATER LE													

Former Landfill area - golf course

Phase I FID=B

OTHER OBSERVATIONS:

PID= B

Flag number 323

PAGE:

BORING NO.: 672

PROJECT LOGGED DRILLED	BY:	any/Driller): EVATION:	N1369 D. McGrath ADT/S, Przybylski	S			TRANSCRIBED BY: LAH ELEVATION FROM:	BORING NO.: START DATE: COMPLETION: MON. WELL NO CHECKED BY:) .:	673 1/14/04 1/14/04 N/A JL	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION		USCS or ROCK BRKN	(moisture condition; odors; geological classification;	FIELD SCREENING DATA METHOD =
1		2' /2'	SBP-SO-673-0002 Screening 1/14/04 @ 1355		Frozen	Light Brown	Silty SAND, trace fine-coarse gravel, organics		SM	Frozen grass = 4"	[FID, (PPM)] FID = 0.0 PID = 0.0
2			SBP-SO-673-0204								
3		1.6' 2'	Screening and Confirmation 1/14/04 @ 1400		Loose	Black	Sandy SILT, wood debris, trace fine gravel subang gravel, small piece of glass	ular/subrounded			
4				EOB @			1		+	Wet	+
:				4' bgs			EOB @ 4' bgs - Backfill with Bentonite chips (4' -1")	and topsoil (1'- 0')		_	
				; 		,					
METHOD METHOD METHOD	DRILLING I OF ADVAN OF SOIL SA OF ROCK (ICING BORIN AMPLING: CORING:	GeoProbe – 4 X 4 Mt. Direct - Push Macro – Core; Open to N/A Not Encountered		ous sampling to	4' in 2' inter	vals			Tetra Tech	NUS, Inc.
	BSERVATI		Phase I. Flag No. 344	; former Land	dfill area			BORING NO.:	673	PAGE: 1	OF 1

PROJECT		•	N1369	3/5				BORING NO.:		674		
LOGGED			J. Lambert		· 		TRANSCRIBED BY: DH	START DATE: COMPLETION:	DATE	1/14/04		
		any/Driller):		& Testing/ Ro	nh I Illmann		TRANSCRIBED BT	MON. WELL N		1/14/04 N/A	<u>+</u>	
		EVATION:	7 Iquilor Diminig C	· roomigric	op Gamann		ELEVATION FROM:	CHECKED BY:		JD		
								OHEORED D1.				
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP	SAMPLING TIME & SAMPLE NO.	DEPTI MAT'L CHG./ WELL	DENSITY/ CONSIS. or ROCK	CLR	MATERIAL CLASSIFICATION		USCS or ROCK	(moistu	EMARKS ure condition; i; geological lication; rock	FIELD SCREENING DATA METHOD =
0	N/A	LENG.	(QA/QC STATUS)	PROF'L	HARD.	OLIX	Top 0.4' = asphalt		BRKN		hering; etc.)	[FID, (PPM)]
			SBP-SO-674-0002		Slightly	Light Brown	0' - 0.2' - Fine-coarse SAND, trace silt		SW	Moist		PID=0.0
		1.7'	Screening		Loose	Black	0.2' - 0.3' - Asphalt fragments		Fill			FID≃0.0
		2.0'			1	Light Brown	0.3' - 0.5' - Fine-coarse SAND, trace gravel, trace a	sphalt fragments	SW/Fill]		
1			1/14/04 @ 1455	_	1							
						Gray	0.5' - 1.0' - Fine-medium SAND		SP			
				1								
ļ						Tan	1.0' - 1.7' - Medium SAND, trace fine sand					"
2				- }	<u> </u>							
			SBP-SO-674-0204		1 1	Brown	0' - 0.2' - Fine-coarse SAND		sw			PID=0.0
		1.3'	Screening							1 1		FID=0.0
		2.0'	4/44/04 @ 4500		Loose	Tan	0.2' - 1.0' - Medium-coarse SAND		SP			
3			1/14/04 @ 1500	-	\vdash	\vdash				ļ. <u> </u>		
							1.0' - 1.3' - Medium SAND, some coarse sand					
					1	·			·	4		
4					1 1	1			♦			1
-			<u> </u>	EOP @	V	<u> </u>						<u> </u>
				EOB @ 4' bgs								
				T bys					-	-	•	
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				1						-		1
<u> </u>				-				· · · · · · · · · · · · · · · · · · ·			 -	
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									,			
				1								
						1				1		
TO/DE OF		DIC.	GEOPROBE – Tr	mak manatas	(rin 2)					<u> </u>		
TYPE OF		KIG: ICING BORII		ack- mounted) (lig 2)					ŀ	Tetra Tech	NUS, Inc.
METHOD			MACRO-CORE O	Open tube cor	ntinuous samni	es to 4 feet in 2	foot intervals	_				<u> </u>
METHOD			N/A								1 1	
GROUND												
OTHER O	BSERVAT	IONS:	Phase i FID≃ B	B PID≖ B	Flag r	number 760	Former Landfill area - road parallel to short beach	BORING NO.: 6	74		PAGE: 1	OF 1

PAGE: 1 OF

BORING L PROJECT LOGGED DRILLED GRD. SUF	NO.: BY: BY (Compa	.ny/Driller): EVATION:	Raymark OU9 RI. N1369 D. McGrath Aquifer Drilling &		Pryzbylski		TRANSCRIBED BY:	BORING NO.: START DATE: COMPLETION: MON. WELL NO CHECKED BY:		675 1/4/04 1/4/04 N/A JL	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION		USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
1 ;		2.0'	SBP-SO-675-0002 Screening 1/14/04 @ 1500		Frozen	Brown	Silty SAND, trace subrounded fine gravel, organics		SM	Root plug = 3"	PID=0.0 FID=0.0
					Loose	Dark Brown	Silty SAND, wood debris, trace gravel		+		
2					_	Brown Red Black	Broken Rock	:	GP		
		1.8'	SBP-SO-675-0204 Screening		Dense	Black	Sandy SILT, trace coarse gravel, subangular		SM		
3		2.0'	1/4/04 @ 1505						<u> </u>		
							Solid wood debris, minimal soil		., Fill		
4				TOD O	<u></u>	<u> </u>			<u> </u>	Wet	
				EOB @ 4' bgs			EOB at 4' bgs - Backfill with Bentonite chips (4'-1') an	d topsoil (1'-0')			
,									\$		
TYPE OF D METHOD O METHOD O GROUNDY OTHER OF	OF ADVANC OF SOIL SA OF ROCK C VATER LEV	ING BORING MPLING: ORING: ELS:	GEOPROBE - 4x4 DIRECT- PUSH MACRO-CORE Op N/A Phase I	en tube contir	nuous samples			POPING NO.		Tetra Tech	E
- I I I I I	Trill		111001	ı la		<u>×. </u>	TOTAL CATALINI GIGO	BORING NO.: 67		PAGE:	OF 1 TNUS Form 0018

PROJEC ¹	ENO :		N1369	<u> </u>				BORING NO.:		675A		
LOGGED			J. Lambert				TRANSCRIBED BY: DH	START DATE: COMPLETION:	DATE:	2/3/0 2/3/0		
	BY (Compa	anv/Driller):	Aquifer Drilling &	Testina/ Rob	Ullmann		TOTALOGICALED BY:	MON. WELL N		N/A	<u> </u>	
	RFACE ELE				- Chillian		ELEVATION FROM:	CHECKED BY:		JD	······································	
				· · · · · · · · · · · · · · · · · · ·				011201120 01.				
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION		USCS or ROCK BRKN	(moi: odo clas	REMARKS sture condition; irs; geological sification; rock athering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
							Refer to Boring Log Number 675 for soil profile deta	ails from 0-4'		- ···	autoring, cto.)	1 1.15, (1.14)
1			No Samples collected from 0' - 4' bgs									
				1								
								<u>-</u>		1		
2				-								-
										-		
3				-						<u></u>		
-												
4			▼ SBP-SO-675A-0406		Slightly	Descrip	OLOSE Financian CAND describe					
		1.3'	Screening		Loose	Brown	0' - 0.5' - Fine-medium SAND, trace silt		SP/Fill	Moist		PID=0.0 FID=0.0
5		2.0	2/3/04 @ 1215			Black	0.5' - 0.8' - Fine-medium SAND, some wood fragm- gravel, piece of ceramic tile	ents, trace rounded				
						+						
6						Dark Brown	0.8' - 1.3' - Fine-medium SAND			Wet		
		1.0	SBP-SO-675A-0608			Dark Gray	0' - 0.6' - Fine-coarse SAND, some glass		SW/Fill			PID=0.0 FID=6.2
7		2.0'	Screening 2/3/04 @ 1230				•		,			
			-	-		Black	0.6' - 1.0' - Peat, trace fine sand		PT	<u> </u>		
8				EOB @ 8' bgs			Note—hole collapsed; however, sleeve for 6'-8' cor water (at 1 foot) – will assume the water table is be	tained free				
			<u> </u>		, *		water (at 1 1000) - Will assume the water table is be	meell o o o	<u> </u>	<u> </u>		<u> </u>
	DRILLING F	RIG: CING BORIN	GEOPROBE - Trac G: DIRECT- PUSH	k- mounted (Rig 2)						Tetra Tech	NUS, Inc.
1	OF SOIL SA		MACRO-CORE Op	en tube conti	nuous samples	to 4 feet in :	2 foot intervals	_ Note: Phase II screening	= Asbesto	s and		<u> </u>
METHOD OF ROCK CORING: N/A								_	Metals			C
GROUNDWATER LEVELS: Approximately 6.5' bgs												<u> </u>
OTHER C	BSERVATION	ONS:	Phase II FID= D	/ PID=D	Old Flag r	number 34	Former Landfill area –golf course	BORING NO.: 6	75A		PAGE:	1 OF 1

BORING	LOG FOR	:	Raymark OU9 R	ti/FS				BORING NO.:		676		
PROJECT			N1369					START DATE:		1/14/0	14	
LOGGED	BY:		J. Lambert				TRANSCRIBED BY: DH	COMPLETION	· DATE·	1/14/		
		oany/Driller)		Testing/ Ro	ob Ullmann			MON. WELL N		N/A	<u> </u>	
GRD. SUI	RFACE EL	.EVATION:					ELEVATION FROM:	CHECKED BY:		JD		
	I					,			NE NO STANKA OF THE CO. The may represe			
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION 0' - 0.2' - Grass/roots		USCS or ROCK BRKN	(mois odo class	REMARKS sture condition; rs; geological sification; rock thering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		1.3'	SBP-SO-676-0002		Slightly Loose	Brown	Fine-medium SAND, trace subrounded-subangul fragments	ar gravel, trace brick	SP/Fill	Moist		PID=0.0
1		2.0'	Screening 1/14/04 @ 1510									FID=0.0
2				_								
		1.7'	SBP-SO-676-0204				0' - 0.1' - Fine-medium SAND		SP			PID=0.0 FID=0.0
		2.0'	Screening	1			0.1' - 0.2' - Silty fine SAND		SM	1 1		FID-0.0
3			1/14/04 @ 1515			Light Brown	•		SP			
				1		Tan	0.8' - 1.2' - Medium SAND		ΙŤ			
İ						1	1.2' - 1.5' - Medium-coarse SAND					
4				1	+		1.5' - 1.7' - Fine-medium SAND			1		
-				EOB @	•	V			*	*		_
				4' bgs				· · · · · · · · · · · · · · · · · · ·		-		
								,				
								· · · · · · · · · · · · · · · · · · ·]		
				1								
<u> </u>					•			. <u> </u>				
				-				, , , , , , , , , , , , , , , , , , , ,	,			
TYPE OF		RIG:	GEOPROBE – Tra	ack- mounted	(rig 2)						Tetra Tech	NUS, Inc.

Former Landfill area - road parallel to short beach BORING NO.: 676

MACRO-CORE Open tube continuous samples to 4 feet in 2 foot intervals

PID=B

Flag number 738

METHOD OF SOIL SAMPLING:

METHOD OF ROCK CORING:

GROUNDWATER LEVELS:

OTHER OBSERVATIONS:

N/A

Phase I FID=B

BORING I	OG FOR:		Raymark OU9 RI/	FS				BORING NO.:		677	
PROJECT	NO.:		N1369		***			START DATE:		1/14/04	
LOGGED	BY:		D. McGrath				TRANSCRIBED BY: LAH	COMPLETION:	DATE:	1/14/04	
DRILLED	BY (Compa	any/Driller):	ADT/S. Przybylski					MON. WELL NO		N/A	
GRD. SUF							ELEVATION FROM:	CHECKED BY:	•••	JL	
	DI OWO	04145	0.44400111100					and the second second second second	and the state of t		
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP	SAMPLING TIME & SAMPLE NO.	DEPTH MAT'L CHG./ WELL	SOIL DENSITY/ CONSIS. or ROCK	CI D	MATERIAL CLASSIFICATION	F	JSCS or ROCK	REMARKS (moisture condition; odors; geological classification;	FIELD SCREENING DATA
0	N/A	LENG.	(QA/QC STATUS)	PROF'L	HARD.	CLR		6	BRKN	rock weathering; etc.)	METHOD =
		2' /	SBP-SO-677-0002 Screening		Loose	Light Brown	Fine-coarse SAND, trace silt.		sw I	Root plug = 6"	[FID, (PPM)] FID = 0.0 PID = 0.0
1		2'	1/14/04 @ 1520				\		\	Frozen	
		:					Fine-coarse gravel, subangular/subrounded. Possible drainage	e under	GW		
2			SBP-SQ-677-0204								
		1.8'					↓				
		/ 2'	Screening		""		Similar to above. Rock at 3'		+-1		
3		/	1/14/04 @ 1525	_		V			▼		
						Black	Sandy SILT, organic material, tile, wood debris, seast more sand towards bottom	nells,	SM	Wet	
4						↓	↓		\	AACI	
				EOB @ 4' bgs			EOB @ 4' bgs - Backfill with Bentonite chips (4' -1') an	nd topsoil (1'- 0')			<u> </u>
									_		
] ,									`		
			 	<u> </u>	<u> </u>		<u> </u>				
TYPE OF	DRILLING I	RIG:	GeoProbe – 4 X 4 Mu	ule						Tetra Tech	MIIC Inc
Į.		ICING BORIN						-		reua recr	i NUS, INC.
	OF SOIL S		Macro - Core; Open	tube, continu	ous sampling t	to 4' in 2' in	ervals				
METHOD	OF ROCK	CORING:	N/A		, <u>, , , , , , , , , , , , , , , , , , </u>					1 1	
	WATER LE		Not Encountered		****	 .					
	BŞERVATI		Phase I. Flag No. 327	7; former Lan	dfill area			BORING NO.:	677	PAGE:	1 OF 1

BORING LOG FOR: PROJECT NO.: N1369 LOGGED BY: DRILLED BY (Company/Driller): GRD. SURFACE ELEVATION: Raymark OU9 RI/FS N1369 J. Lambert Aquifer Drilling & Testing/ Rob Ullmann					tob Ullmann		TRANSCRIBED BY:DH	BORING NO.: START DATE: COMPLETION: I MON. WELL NO		678 1/14/04 1/14/04 N/A	
GRD. SUR	FACE E	LEVATION:					ELEVATION FROM:	CHECKED BY:		JD	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS) SBP-SO-678-0002	DEPTH MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD! Slightly	CLR	MATERIAL CLASSIFICATION Top 0.5' = asphalt (not sampled) 0' - 0.6' - Silty fine-medium SAND, trace coarse sand		USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.) Moist	FIELD SCREENING DATA METHOD = [FID, (PPM)] PID=0.0
1		2.0'	Screening 1/14/04 @ 1530	-	Loose						FID=0.0
2							0.6' - 1.4' - Fine-medium SAND		SP		
		2.0'	SBP-SO-678-0204 Screening and confirmation			Tan	Fine-medium SAND				PID=0.0 FID=0.0
3		<u></u>	1/14/04 @ 1535	-							
4						<u> </u>	\		<u> </u>	<u></u>	
				EOB @ 4' bgs							
					<u>.</u>						
				-				-	\$		
	OF ADVA OF SOIL S OF ROCK VATER L	NCING BOR SAMPLING: CORING: EVELS:		Open tube co	entinuous samp	les to 4 fee	t in 2 foot intervals 5 Former Landfill area – road parallel to short heach	BORING NO : 67	9	Tetra Tech	NUS, Inc.

BORING L	OG FOR:		Raymark OU9 RI/	/FS				BORING NO.:	679	
PROJECT	NO.:		N1369	.,,				START DATE:	1/14/04	
LOGGED	BY:		D. McGrath				TRANSCRIBED BY: LAH	COMPLETION: DATE		
DRILLED	BY (Compa	any/Driller):	ADT/S. Przybylski					MON. WELL NO.:	N/A	
GRD. SUF	RFACE ELF	EVATION:					ELEVATION FROM:	CHECKED BY:	JL	
DEPTH	BLOWS PER	SAMP REC.	SAMPLING TIME	DEPTH MAT'L	SOIL DENSITY/		MATERIAL	USCS		FIELD
(FEET)	6" N/A	/ SAMP LENG.	& SAMPLE NO. (QA/QC STATUS)	CHG./ WELL PROF'L	CONSIS. or 'ROCK HARD.	CLR	CLASSIFICATION	or ROCK BRKN		SCREENING DATA METHOD = [FID, (PPM)]
		2' /2'	SBP-SO-679-0002 Screening		Frozen	Red- Brown	Silty SAND, trace gravel, organics, possible brick	SM	Root plug = 3"	FID = 0.0 PID = 0.0
1			1/14/04 @ 1530	1 7	Loose	↓	\	- 1 ↓		
						Light Brown	Fine SAND	SP		
2			SBP-SO-679-0204	-	Dense	Black	Fine silty SAND, wood, waste, glass, rubber, trace gra	vel SM		
		1.4'	Screening							
		2'	1						i	
3		/	1/14/04 @ 1535	4			4			
·							.			
			19				Similar to above, with possible degraded paper		-	
4					<u> </u>	\ \				
				EOB @ 4' bgs			EOB @ 4' bgs - Backfill with Bentonite chips (4' -1') and	d topsoil (1'- 0')		
'			V.							
								*		
									-	
				<u>, la</u>	<u> </u>			V-1/2		
TYPE OF	DRILLING F	DIC:	GeoProbe - 4 X 4 M	ulo						
		CING BORIN	·	uic				_	Tetra Tech	n NUS, Inc.
	OF SOIL SA		Macro – Core; Open	tube, continue	ous sampling to	4' in 2' infe	rvals			
	OF ROCK		N/A			E 1110		_		3 -1
	WATER LE		Not Encountered							
OTHER O	BSERVATION	ONS:	Phase I. Flag No. 34	6; former Land	dfill area			BORING NO.: 679	PAGE:	1 OF 1

BORING I	OG FOF	l:	Raymark OU9 F	RI/FS				BORING NO.:		680		
PROJECT			N1369					START DATE:		1/14/04		
LOGGED	BY:		J. Lambert				TRANSCRIBED BY:DH	COMPLETION:	DATE:	1/14/04		
DRILLED	BY (Com	pany/Driller): Aquifer Drilling 8	& Testing/ R	lob Ullmann			MON. WELL NO).:	N/A		
GRD. SUF	RFACE E	LEVATION:	<u></u>				ELEVATION FROM:	CHECKED BY:		JD		
			1	£		3	The second value of the se			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	·	
DEPTH	BLOWS PER	SAMP REC.	SAMPLING TIME	DEPTH	SOIL				USCS		ARKS	FIELD
(FEET)	6"	I I	8 .	MAT'L CHG./	DENSITY/ CONSIS.		MATERIAL CLASSIFICATION		10		e condition;	SCREENING
(,		SAMP	SAMPLE NO.	WELL	or ROCK	CLR	CLASSIFICATION		ROCK	odors;	geological ation; rock	DATA
0	N/A	LENG.	(QA/QC STATUS)	PROF'L	HARD.) OLIV	Top 0.4' = asphalt -not sampled		BRKN	weathe	ering; etc.)	METHOD = [FID, (PPM)]
			SBP-SO-680-0002		Slightly	Brown	Fine-coarse SAND, some silt		SW	Moist	ing, c.c.,	PID=0.0
		1.4'			Loose		1		l i	1		FID=0.0
		2.0'	Screening			 				1 1		110 0.0
1	\vdash	/ 2.0	1/14/04 @ 1540									1
<u> </u>			171707 (2 1070	4	ļ	 						
						1						
				ļ						1		
ì		•		į		1 L	1			1 1		
2				j		V	<u> </u>					1
		/	SBP-SO-680-0204			Dark Brown	0' - 0.1' - Fine-medium SAND		SP			PID=0.0
	-	1.4'	Carooning			Tan	0.1' - 0.6' - Medium-coarse SAND		₩			FID=0.0
		2.0'	Screening			Dark Brown	0.6' - 0.7' - Silty fine-medium SAND, some organics	(roots)	SM	1 1		
3		/	1/14/04 @ 1545									
				1	·	Tan	0.7' - 0.8' - Fine-medium SAND		SP	 		
						Brown	0.8' - 1.3' - Fine-coarse SAND		sw			
				ļ		Tan	1.3' - 1.4' - Fine-medium SAND		SP	- 1		
1,				ļ	₩	1 411	1.5 - 1.4 - Pille-Medium SAND		55	♥		
4				500.0		-				<u> </u>		
				EOB @		l						
				4' bgs						<u> </u>		
						1				1		}
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	<u> </u>				ļ	<u> </u>						
TYPE OF	DBILLING	RIG:	GEOPROBE - Ti	ack- mounte	d (rig 2)					·	T-4 =	1110
		NCING BOR		aon- mounte	∪ (11 <u>9 ∠)</u>						Tetra Tech	NUS, Inc.
		NOING BON SAMPLING:	MACRO-CORE	Onen tuhe co	ntinuous sam	nles to 4 feet in	2 foot intervals					.)
METHOD			N/A	open tube (C	Andriuous sattl	Pice 10 4 1001 III	Z. IOOU IIRO(FAIS				l Tr	
GROUND			INA								(- '	
			Phase I FID= I	3 PID= E) ri	number 757	Former Londfill groot and possible about the second	h I DODING NO	·		5.05	
OTHER O	ROFKAN	IONO:	Phase i FID=1	o FIU= E	riag	number 757	Former Landfill area - road parallel to short bead	II JOKING NO.: 6	5U		PAGE: 1	OF 1

	NO.: BY:	any/Driller): EVATION:	Raymark OU9 RI/I N1369 D. McGrath / J. Da ADT/S. Przybylski				TRANSCRIBED BY: LAH ELEVATION FROM:	BORING NO.: START DATE: COMPLETION: MON. WELL NO CHECKED BY:	O.:	681 1/14/04 1/14/04 N/A JL	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS) SBP-SO-681-0002	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR Light	MATERIAL CLASSIFICATION		USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
1		2' /2'	Screening 1/14/04 @ 1545		Frozen	Brown	Silty SAND, organics, glass, trace gravel		Sivi	Root plug = 2"	FID = 0.0 PID = 0.0
2						Dark Brown Light Brown/gray	Fine-medium SAND, trace gravel		SP .		
3		2'	SBP-SO-681-0204 Screening 1/14/04 @ 1550			Dark Gray	Similar to above, with pieces of glass and black p	vieces of burnt wood			
4				EOB @		Gray	Fine-medium SAND, some gravel (rounded)				+
				4' bgs			EOB @ 4' bgs - Backfill with Bentonite chips (4' -1	') and topsoil (1'- 0')			
,											
									*		
METHOD METHOD METHOD GROUND	OF SOIL S. OF ROCK ! WATER LE	ICING BORIN AMPLING: CORING: VELS:	Macro – Core; Open N/A Not Encountered	tube, continuo		o 4' in 2' interv	als			Tetra Tech I	IUS, Inc.
OTHER C	BSERVATI	ONS:	Phase I. Flag No. 326	6; former Land	dfill area			BORING NO.:	681	PAGE: 1	OF 1

	ΓΝΟ.: BY: BY (Com	t: pany/Driller) LEVATION:			ob Ullmann		TRANSCRIBED BY:DH	BORING NO.: START DATE: COMPLETION: DATE: MON. WELL NO.: CHECKED BY:	682 1/14/04 1/14/04 N/A JD		
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MA' 'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD!	CLR	MATERIAL CLASSIFICATION Asphalt = top 0.3' (not sampled)	USCS or ROCK BRKN	(moistur odors; classific	MARKS re condition; geological cation; rock ering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
1		1.5'	SBP-SO-682-0002 Screening 1/14/04 @ 1600		Loose	Brown	Fine-coarse SAND, trace angular-subrounded gravel	, trace silt SW	Moist		PID=0.0 FID=0.0
2											
2		1.6' 2.0'	SBP-SO-682-0204 Screening			Light Brown	0' - 0.2' - Fine-medium SAND 0.2' - 0.6' - Fine-medium SAND	SP			PID=0.0 FID=0.0
3			1/14/04 @ 1605			Tan	0.6' - 1.6' - Medium SAND		_		
4				EOB @ 4' bgs	 	+	<u> </u>	+	+		
			2001								
										,	
								,			
METHOD METHOD	OF ADVA OF SOIL OF ROCK	NCING BOR SAMPLING: (CORING: EVELS:	GEOPROBE - T	Open tube co	ontinuous sam	ples to 4 feet in	2 foot intervals Former Landfill area – road parallel to short beach	BORING NO.: 682		Tetra Tech	NUS, Inc.

BORING L PROJECT LOGGED DRILLED I GRD. SUF	NO.: BY: BY (Compa	any/Driller): EVATION:	Raymark OU9 RI/ N1369 D. McGrath / J. Da ADT/S. Przybylski				TRANSCRIBED BY: LAH	<u> </u>	BORING NO.: START DATE: COMPLETION MON. WELL N CHECKED BY:	I: DA 10.:	TE:	683 1/14/04 1/14/04 N/A		
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or 'ROCK HARD.	CLR	MATE CLASSIF			RC	CS Or OCK RKN	REMARKS (moisture condition; odors geological classification; rock weathering; etc.)	SCRE DA METI	ELD ENING ATA HOD = (PPM)]
1		1.9'	SBP-SO-683-0002 Screening 1/14/04 @ 1600		Frozen	Light Brown / White	Fine-medium SAND, trace gravel a 0.3' in length	and roots, piece of c	cobble	8	SP		FID = PID =	0.0
						Light Brown	Fine-medium SAND, trace rounded	gravel						
2								,						
		1.7' /	SBP-SO-683-0204			•	Similar to above, with layering note mica	ed, piece of platey r	ock-possible		-			
		2'	Screening			Dark		1						-
3			1/14/04 @ 1605			Brown					<u> </u>		-	
			E								<u> </u>			_
4						₩	4	,		,	₩		,	₩
				EOB @ 4' bgs	:		EOB @ 4' bgs - Backfill with Bentor	nite chips (4' -1') an	d topsoil (1'- 0')					
													· · · · ·	
													-	
,		[
				1							\$			
									·					
		,		<u> </u>	<u> </u>									
	DRILLING		GeoProbe – 4 X 4 M	ule								Tetra Tecl	NUS, Ir	1C.
		ICING BORIN		4.15 41		41 in 01 in 1	an rala		_					
	OF SOIL S		Macro – Core; Open	we, continu	ous sampling to) 4 In 2 Inte	ri vais						▙▎	

Not Encountered

Phase I. Flag No. 307; former Landfill area

GROUNDWATER LEVELS:

OTHER OBSERVATIONS:

1 OF

PAGE:

BORING NO.: 683

BORING I	OG FOR:		Raymark OU9 RI/ N1369	/FS				BORING NO.: START DATE:		684 1/14/04	
LOGGED			J. Lambert				TRANSCRIBED BY: RAC	COMPLETION:	DATE:	1/14/04	
		any/Driller):	Aquifer Drilling &	Testing/S. Pr	zybylski		110110011101111111111111111111111111111	MON. WELL N		N/A	
	RFACE ELE						ELEVATION FROM:	CHECKED BY:		JD	
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEF MAT'L CHG./ WELL PROF'L	SOII. DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION 0.0' - 0.2' - Grass/roots (frozen)		USCS or ROCK BRKN	REMARKS (moisture condition odors; geological classification; rocl weathering; etc.)	DATA
		2 /	SBP-SO-684-0002 Screening		Slightly Loose	Brown	0.2' - 0.5' - Fine coarse SAND		sw	Moist	PID = 0.2 FID =
1		/ 2'	1/14/04 @ 1615			+	0.5' – 0.8' – Fine coarse SAND and GRAVEL		\		
						Black	0.8' - 2.0' - Silty fine SAND, trace glass, trace pla (yellow, white)	stic fragments	SM/Fill		
2						+			1		
		1.6'	SBP-SO-684-0204 Screening			Dark Brown	0.0' - 0.7' - Fine coarse SAND, some silt		SW/Fill		PID = 0 FID = 0
3		/ 2	1/14/04 @ 1620			Light Gray	0.7' - 1.4' - Fine coarse SAND, some shell fragme	ents, trace glass			
						Dark Brown	1.4' - 1.5' - Wood fragments		Fill		
4						Brown	1.5' 1.6' Fine SAND, some silt		SP	↓	
				EOB @ 4' bgs							
									*		
D/5= 4=	DD111415 5	NO.	OFORDORE 4Y	4 Mula (Dia 4)	· · · · · · · · · · · · · · · · · · ·		<u> </u>			· · · · · · · · · · · · · · · · · · ·	
	DRILLING F		GEOPROBE – 4 X G: DIRECT- PUSH	4 Mule (Rig 1)			_		Tetra	ech NUS, Inc.
	METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: MACRO-CORE Open tube continuous samples t					to 4' in 2' int	tervals	_		1	
METHOD	METHOD OF SOIL SAMPLING. METHOD OF ROCK CORING: MACONO-SOIL MACONO-			F-11 (450 00Hu	out oumpled	CO FRIENDI		- -			It
	BSERVATI		Phase I Flag Nu	ımber 438	Former	Landfill Area	a – Golf Course FID/PID = B	BORING NO.:	84	PAGE:	1 OF 1

PROJECT LOGGED DRILLED I GRD. SUF DEPTH	(FEET) 6" / SAMP 0 N/A LENG.		Raymark OU9 RI// N1369 D. McGrath ADT/S. Przybylski SAMPLING TIME	DEPTH MAT'L	SOIL DENSITY/		ELEVATION FROM: MON. WE CHECKE	ATE: TION: DAT ELL NO.:	TE:	585 1/14/04 1/14/04 N/A JL REMARKS isture condition; odors;	FIELD SCREENING
0		SAMP	SAMPLE NO. (QA/QC STATUS)	CHG./ WELL PROF'L	CONSIS. or ROCK HARD.	CLR	CLASSIFICATION	RO BRI	CK geo KN ro	ological classification; ock weathering; etc.)	DATA METHOD ≂ [FID, (PPM)]
1		1.8' 2'	SBP-SO-685-0002 Screening 1/14/04 @ 1605			Red- Brown	Silty SAND, trace subrounded fine gravel and coarse subangular gravel, organics	SI	M Roc	ot ball = 3"	FID = 0.0 PID = 0.0
2		2'	SBP-SO-685-0204 Screening			Gray	Silty SAND, trace fine gravel and shells				
3		2'	1/14/04 @ 1610			—	Fine SAND, trace silt, shells & gravel	SI	Dan	np	
4					Dense	Black Gray	Fine silty SAND, glass, trace gravel Fine SAND, trace silt, trace fine gravel WOOD at bottom of sample	SI SI		t	-
				EOB @ 4' bgs			EOB @ 4' bgs - Backfill with Bentonite chips (4' - 1') and topsoil (1' -	- 0')			
									\$		
										-	
METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING:		GeoProbe 4 X 4 Mi G: Direct - Push Macro Core; Open N/A Not Encountered Phase I. Flag No. 43:	tube, continu		o 4' in 2' in	ervals	S NO : 68	85	Tetra Tech	NUS, Inc.	

	'NO.: BY: BY (Comp	any/Driller): EVATION:	Raymark OU9 R N1369 J. Lambert Aquifer Drilling &		ob Ullmann		TRANSCRIBED BY:DH	BORING NO.: START DATE: COMPLETION: MON. WELL NO CHECKED BY:		686 1/15/04 1/15/04 N/A JD	
DEPTH (FEET)	BLOWS PER 6°	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL	DENSITY/ CONSIS. or ROCK	CLR	MATERIAL CLASSIFICATION		USCS or ROCK BRKN	REMARKS (moisture condition odors; geological classification; rock	DATA METHOD =
U	N/A	1.0' 2.0'	SBP-SO-686-0002 Screening	PROF'L	HARD. Slightly Loose	Tan	0' - 0.5' - Fine-coarse SAND, trace silt		sw	weathering; etc.) Moist	[FID, (PPM)] PID=0.0 FID=0.0
1		/ 2.0	1/15/04 @ 0850		 				V		
2					Dense	White	0.5' - 1.0' - Concrete fragments		Fill		
		1.2'	SBP-SO-686-0204		Slightly Loose	Light Gray	0' - 0.4' - Fine-coarse SAND, some gravel		SW		PID=0.0 FID=0.0
3		2.0'	Screening 1/15/04 @ 0855		Slightly Dense	Brown	0.4' - 0.5' - Silty fine SAND, some gravel		SM]	,
						Black	0.5' - 1.2' - Charcoal and silty fine SAND, some ash possible burn zone	ragments -	Fill		
4						+				₩	
				EOB @ 4' bgs							
				ļ. ļ							
											<u> </u>
					<u> -</u>		<u> </u>			_	
				-					- *		
					<u> </u>						
T/05 05	DDILLING	BIC:	GEOPROBE - Tr	ack- mounted	1 (ria 2)					Total 7	and MUD Inc
METHOD METHOD METHOD GROUND	OF SOIL S OF ROCK WATER LI	NCING BORI SAMPLING: CORING: EVELS:	NG: DIRECT- PUSH MACRO-CORE C N/A	Open tube co	ntinuous samp			PORING NO.	90		ech NUS, Inc.
OTHER O	BSERVAT	ions:	Phase I FID≃C	PID≂ C	- Hagi	number 320	Former Landfill area –parking lot	BORING NO. 6	86	PAGE:	1 OF 1

OTHER OBSERVATIONS:

PAGE: 1 OF

BORING L	OG FOR:		Raymark OU9 RI/I	FS				BORING NO.:		687			
PROJECT	NO.:		N1369					START DATE:		1/15/04		· .	
LOGGED	BY:		D. McGrath					COMPLETION:	DATE	1/15/04			
DRILLED	3Y (Compa	any/Driller):	ADT/S. Przybylski					MON. WELL NO		N/A			
GRD. SUF								CHECKED BY:		JL			
						· · · · · · · · · · · · · · · · · · ·		OHEORED DT:					
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP	SAMPLING TIME & SAMPLE NO.	DEPTH MAT'L CHG./ WELL	SOIL DENSITY/ CONSIS. or /ROCK	CLR	MATERIAL CLASSIFICATION		USCS or ROCK BRKN	REMARI (moisture cor odors; geok classification	ndition; ogical	FIEL SCREE DAT METH	NING TA
0	N/A	LENG.	(QA/QC STATUS)	PROF L	HARD.					weathering;	etc.)	[FID, (F	2PM)]
		2' /2'	SBP-SO-687-0002 Screening		Frozen	Red- Brown	Fine silty SAND, trace fine gravel		SM	Root plug = 3"		FID = 0. PID = 0.	.0
1			1/15/04 @ 0940	Į						Frozen			
						+	*		+				
						Gray	Fine SAND		SP	1			
2		2' /	SBP-SO-687-0204			Black	Silty fine SAND, trace shells, organics		SM				
		2 /2	Screening Dup-21		Loose	 				1			
3		/ -	1/15/04 @ 0945			!	 		1				
	-			1		Gray-	Silty fine SAND, trace organics, cellulose, glass, broke	n rock,	_			 -	
						Red Brown	possible cigarette butt, trace gravel	·					
							.		—	1		<u> </u>	
4				EOB @		V						▼	
	-			4' bgs			EOB @ 4' bgs - Backfill with Bentonite chips (4' -1') and	1 topsoil (1'- 0')					
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				1								<u> </u>	
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										1			
										1			
7.05.05	2211101	210	0.5.1.4744		· · · · · · · · · · · · · · · · · · ·								
i	DRILLING I		GeoProbe – 4 X 4 Mu	He			· · · · · · · · · · · · · · · · · · ·	-		7	etra Tech	NUS, Inc	5.
		ICING BORIN		tuba a6-	nun envE 1	a Alla Ottak		_				$\overline{}$	
	OF SOIL S		Macro Core; Open	we, continue	ous sampling to	04 In 2 Inter	ais	_				┡╽	
	OF ROCK (_		_			["	L)	
	WATER LE		Not Encountered	2 formari	dfil orog			T == = = :					
OILEKO	BSERVATI	UNO.	Phase I. Flag No. 483	o, ionner Land	unii area			BORING NO.:	687	PA	GE:	1 OF	1

BORING PROJECT	LOG FOR:	:	Raymark OU9 RI N1369	I/FS			BORING NO.: START DATE:		688 1/15/04	
LOGGED			J. Lambert				TRANSCRIBED BY: DH COMPLETION:	DATE:	1/15/04	
		oany/Driller):		Testing/ Ro	nb Ullmann		MON. WELL NO		N/A	
		EVATION:	Tradition Dimining of	TOURING TO			ELEVATION FROM: CHECKED BY:		JD	
	,			-					V 2000 W 10 11 11 11 11 11 11 11 11 11 11 11 11	
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP	SAMPLING TIME & SAMPLE NO.	MAT'L CHG./ WELL	DENSITY/ CONSIS. or ROCK	CLR	MATERIAL CLASSIFICATION	USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock	FIELD SCREENING DATA METHOD =
0	N/A	LENG.	(QA/QC STATUS)	PROF'L	HARD.		0' - 0.2' - Grass/roots (frozen)		weathering; etc.)	[FID, (PPM)]
		/	SBP-SO-688-0002		Slightly	Brown	0.2' - 0.6' - Fine-medium SAND, trace silt, trace organics (roots)	SP	Moist	PID=0.0
		1.8'	Screening	3	Loose	Tan	0.6' - 1.3' - Fine SAND, trace gravel, trace silt		{	FID=0.0
1			1/15/04 @ 0915							
						Gray	1.3' - 1.8' - Fine-medium SAND			
2	ļ									
		1.6'	SBP-SO-688-0204 Screening		↓		0' - 0.2' - Similar material to above			PID=0.0 FID=0.0
		2.0'	1/15/04 @ 0920		Slightly	Brown	0.2' - 0.3' - Fine SAND, some silt	₩	<u>†</u>	
3		'	Screening DUP. #20		Dense	Orange	0.3' - 0.5' - Fine SAND and wood, some silt	SP/Fill	1	
			1/15/04 @ 0925	1		Black	0.5' - 0.6' - Silty fine-medium SAND, trace glass	SM/Fill		
						Brown	0.6' - 1.5' - Fine- medium SAND, some silt, some glass, trace coarse sand	. SP/Fill		
4						Gгау	1.5' - 1.6' - Fine-medium SAND	SP] ♦	
				EOB @ 4' bgs						
				1	<u> </u>			 		
					<u> </u>			-	4	
					\vdash	<u> </u>		ļ		
								,		
			,							
						\ 		+		
	-	l								
TYPE OF	DRILLING	RIG:	GEOPROBE – Tra	ack- mounted	i (rig 2)				Tetra Tech	h NUS, Inc.
		NCING BORI								
		SAMPLING:	MACRO-CORE O	open tube co	ntinuous sampl	es to 4 feet	in 2 foot intervals			1
	OF ROCK		N/A							

Former Landfill area - front of clubhouse

BORING NO.: 688

OTHER OBSERVATIONS:

Phase I FID= C PID= C

Flag number 332

PAGE: 1 OF

PROJECT NO.: LOGGED BY:		N1369 J. Lambert				TRANSCRIBED BY: DH	START DATE: COMPLETION: DA	TE.	1/15/04 1/15/04	
DRILLED BY (Co	mpany/Driller):		Testing/ Ro	b Ullmann		TOTALOGIALES BY:	MON. WELL NO.:	. i L.	N/A	
GRD. SURFACE						ELEVATION FROM:	CHECKED BY:		JD	
DEPTH PER 6"		SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL	DENSITY/ CONSIS. or ROCK	CLR	MATERIAL CLASSIFICATION	R	SCS or OCK BRKN	REMARKS (moisture conditi odors; geologic classification; ro	al DATA ck <i>METHOD</i> =
U NA	1.6'	SBP-SO-690-0002 Screening	PROF'L	HARD. Slightly Loose	Gray	0' - 0.4' - Fine-coarse SAND and GRAVEL 0.4' - 1.0' - Gravelly fine-coarse SAND		sw	weathering; etc	PID=0.0 FID=17.7
1] <u></u>	1/15/04 @ 0945		Slightly Dense	Brown Gray	1.0' - 1.1' - Fine-medium SAND, trace silt, trace charco		SP	Moist	
3	1.4' 2.0'	SBP-SO-690-0204 Screening and Confirmation 1/15/04 @ 0950			Brown Black	0' - 0.5' - Similar material to above 0.5' - 0.7' - Fine-medium SAND, trace silt 0.7' - 1.1' - Fine SAND, some silt, trace medium gravel				PID=0.0 FID=93.0
		110,01 @ 0000	-		Tan Black	1.1' - 1.2' - Decomposed paper/cardboard 1.2' - 1.4' - Fine SAND, trace medium sand	l l	Fill SP	Wet	
4			EOB @ 4' bgs					V		
			_						-	
								*		
TYPE OF DRILLIN METHOD OF ADV METHOD OF SOI METHOD OF ROG GROUNDWATER OTHER OBSERV	/ANCING BORI L SAMPLING: CK CORING: : LEVELS:	GEOPROBE – Tr NG: DIRECT- PUSH MACRO-CORE C N/A Water table appro Phase I FID=C	Open tube con	ntinuous sample	es to 4 feet in		BORING NO.: 690		Tetra	Tech NUS, Inc.

BORING NO.:

690

BORING LOG FOR:

OTHER OBSERVATIONS:

Raymark OU9 RI/FS

1 OF

BORING L	.OG FOR:		Raymark OU9 RI/F	S				BORING NO .:		69	1		
PROJECT			N1369					START DATE:		1/1	15/04		-
LOGGED	BY:		D. McGrath				TRANSCRIBED BY: LAH	COMPLETION	l: DATI		15/04		
DRILLED	BY (Compa	any/Driller):	ADT/S. Przybylski					MON. WELL N	I O.:	N/A	A		
GRD. SUF	RFACE ELE	EVATION:					ELEVATION FROM:	CHECKED BY	:	JL.			
									pa distance of the same				
DEPTH (FEET) 0	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION	m Pranja piska mana na kiran manana p	USC or ROC BRK	K od N da	REMARKS posture condition; dors; geological assification; rock reathering; etc.)	SCF ! ME	FIELD REENING DATA THOD =
			SBP-SO-691-0002	7.,5.	Frozen	Brown	Silty fine SAND, some angular fine gravel. Rubber and	fabric debris	SM	No roc), (PPM)) = 0.0
		1.6' /			Loose		3		1	110100	N DOI		= 0.0 = 0.0
		/ 2'	Screening						+	_		1,15	- 0.0
1		•	1/15/04 @ 1100			+							1
						Dark			_				+
						Brown	Silty fine SAND, trace fine gravel						
													
2						<u></u> ▼ _			•			ł	
			SBP-SO-691-0204		1 1		Fig. CAMP 4						
		1.7'	Screening		<u> </u>	Gray	Fine SAND, trace silt, trace gravel, wood debris		SP				
		/ 2'							- 1				
3			1/15/04 @ 1105										
							Similar to above without wood debris		j				
						Dorle	Citimal to above without wood deptis		-				
4		!				Dark Brown	Fine SAND, trace silt, shells, plastic						1
-				EOB @		BIOWIT	The State adds on, should plant						<u> </u>
				4' bgs			EOB @ 4' bgs - Backfill with Bentonite chips (4' -1') and	topsoil (1'- 0')				ŀ	
				- Dgo									
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TYPE OF	DRILLING I	DIC:	GeoProbe – 4 X 4 Mu	ılo.									
				110				-			Tetra Te	ech NUS,	, Inc.
		ICING BORIN						_					
	OF SOIL S		Macro - Core; Open t	ube, continue	ous sampling to	4' in 2' inte	ervals	_					
	OF ROCK		N/A									it	
GROUND	WATER LE	VELS:	Not Encountered										
OTHER C	BSERVATI	ONS:	Phase I. Flag No. 460	; former Land	fill area		· · · · · · · · · · · · · · · · · · ·	BORING NO.	: 69	1	PAGE:	1 0	F 1

	NO.: BY: BY (Comp	any/Driller): EVATION:	Raymark OU9 R N1369 J. Lambert Aquifer Drilling &		ob Ulimann		TRANSCRIBED BY:DH	BORING NO.; START DATE: COMPLETION: DA MON. WELL NO.; CHECKED BY:	ATE:	692 1/15/04 1/15/04 N/A JD	
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION Asphalt = top 0.5' not sampled	F	USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		1.3'	SBP-SO-692-0002 Screening		Slightly Loose	White Off White	0' - 0.4' - Concrete fragments 0.4' - 1.1' - Fine-coarse SAND and GRAVEL		Fill SW	Dry	PID=0.0 FID=0.0
1		2.0	1/15/04 @ 1015		Slightly Dense	Brown	1.1' - 1.3' - Fine-medium SAND, trace silt		SP	Moist	
2					Dense				V		
		1.6' 2.0'	SBP-SO-692-0204 Screening		Loose	Dark Brown Light Gray	0' - 0.3' - Silty fine SAND 0.3' - 0.7' - Fine-coarse SAND, some gravel		SM	↓	PID=0.6 FID=0.0
3		<u> </u>	1/15/04 @ 1020		Slightly Dense	Dark Brown	0.7' - 1.1' - Silty fine-medium SAND, some organics		SM	Dry Moist	
4				EOB @	_	Brown	1.1' - 1.6' - Gravelly fine SAND, some silt, trace glass		SP/Fill		
				4' bgs		<u> </u>					
		-									
		"									
									``		
						-					
	OF ADVAN OF SOIL S OF ROCK	ICING BORI AMPLING: CORING:	GEOPROBE – Transport of the control			les to 4 feet in	2 foot intervals			Tetra Tec	h NUS, Inc.
OTHER O	BSERVAT	IONS:	Phase I FID=C	PID=C	Flag n	umber 313	Former Landfill area - area around clubhouse	BORING NO.: 692		PAGE:	1 OF 1

OTHER OBSERVATIONS:

BORING L PROJECT LOGGED DRILLED GRD. SUF	NO.: BY:		Raymark OU9 RI/ N1369 D. McGrath Aquifer Drilling &		ryzbylski SOIL DENSITY/		TRANSCRIBED BY: ELEVATION FROM: MATERIAL	BORING NO.: START DATE: COMPLETION: MON. WELL NO CHECKED BY:	D.: USCS	693 1/15/04 1/15/04 N/A JL REMARKS (moisture condition;	FIELD SCREENING
(FEET)	6* N/A	/ SAMP LENG.	& SAMPLE NO. (QA/QC STATUS)	CHG./ WELL PROF'L	CONSIS. or ROCK HARD.	CLR	CLASSIFICATION		Or ROCK BRKN	odors; geological classification; rock weathering; etc.)	DATA METHOD = [FID, (PPM)]
1		1.0' 2.0'	SBP-SO-693-0002 Screening 1/15/04 @ 1120		Frozen	Brown- Red	Fine silty SAND, organics, trace fine subangular gravel		SM	Root plug= 3"	PID=0.0 FID=0.0
2											
3		2.0'	SBP-SO-693-0204 Screening 1/15/04 @ 1125			Brown - Dark - Brown	Fine silty SAND, trace organics, shells, trace subrounde	d fine gravel			PID=0.0 FID=10.2
4		-		EOB @	Loose	Gray	Fine-medium silty SAND, shells		<u> </u>	Wet	
				4' bgs							
1					ļ 				\$		
METHOD METHOD METHOD GROUND	TYPE OF DRILLING RIG: METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: MACRO-CO METHOD OF ROCK CORING: MACRO-CO METHOD OF ROCK CORING: MACRO-CO METHOD OF ROCK CORING: MACRO-CO METHOD OF ROCK CORING: MACRO-CO MACRO-			pen tube conti		s to 4 feet i	in 2 foot intervals ill area	BORING NO.: 6	93	Tetra Tech	E

BORING L	OG FOR:	:	Raymark OU9 RI	/FS		<u>. </u>		BORING NO.:		693A		
PROJECT			N1369					START DATE:		2/3/04		
LOGGED			J. Lambert				TRANSCRIBED BY:DH	COMPLETION:		2/3/04		
		any/Driller)	: Aquifer Drilling &	Testing/ Rol	Ullmann			MON. WELL N		_N/A		
GRD. SUF	RFACE EL	EVATION:					ELEVATION FROM:	CHECKED BY:		JD		
	BLOWS	SAMP	SAMPLING		7	_	A 1 A 1 A 1 A 1 A 1 A 1 A 1 A 1 A 1 A 1					3
DEPTH	PER	REC.	TIME	DEPTH MAT'L	SOIL DENSITY/		MATERIAL		USCS		EMARKS	FIELD
(FEET)	6"	1	<u> </u>	CHG./	CONSIS.	1	CLASSIFICATION		or		ture condition; s; geological	SCREENING DATA
		SAMP	SAMPLE NO.	WELL	or ROCK	CLR			ROCK		ification; rock	METHOD =
0	N/A	LENG.	(QA/QC STATUS)	PROF'L	HARD.				BRKN	wea	thering; etc.)	[FID, (PPM)]
						1	Refer to Boring Log Number 693 for soil profile d	etails from 0-4'				
			No Samples collected			1	l .					1
			from 0' - 4' bgs			1				1		
1												
				1					-	 	-	
1						l .						
	-								+	1		
2	-											
					-							 -
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								 -	-	4		
3			,					•				
-					ļ	ļ				ļ		
										ŀ		
			j							1		
							↓					
4							<u> </u>					
İ			SBP-SO-693A-0406		Slightly	Red-Brown	0' - 0.3' - Silty, fine-medium SAND		SM	Moist		PID=0.0
		1.4'	Screening		Dense	Gray	0.3' - 0.5' - Fine-medium SAND, trace shell fragn	nents	SP			FID=6.0
		/ 2.0°]		1 1	Gray-Black	0.5' - 0.7' - Fine-medium SAND, trace silt					
5			2/3/04 @ 1420						▼			
						White	0.7' - 0.9' - Coarse GRAVEL, fractured	···	GP			
[
						Dark	0.9' - 1.4' - Fine-medium SAND, some cloth fragi	ments, some paper,	SP/Fill	1		-
6						Brown	trace silt					
			SBP-SO-693A-0608			Dark Gray	0' - 0.3' - Fine-coarse SAND, trace gravel (sub-	angular-subrounded)	SW/Fill			PID=0.0
		1.3'			ļ. ļ	'	trace glass	,	1			FID=103.2
		2.0'	Screening		 	Brown-	0.3' - 0.5' - Fine-coarse SAND		 	1 [1100.2
7		/ =	2/3/04 @ 1430			Black	0.5' - 0.8' - Fine-coarse SAND, some silt, trace m	etal fragments	↓			
					·	Dark	0.8' - 0.9' - Silty fine-medium SAND, some wood		SM/Fill	 		<u> </u>
]	Brown	stag	magnients, piece of	OWITH			
<u> </u>						-			 	1 1		
			İ	EOB @	1 1	Brown	0.9' - 1.3' - Fine-medium SAND		♥ SP			
8	l		<u> </u>	8' bgs	<u> </u>	DIOWIL	0.8 - 1.5 - Fille-medium SAND		SP	<u> </u>	<u></u>	<u> </u>
TYPE OF	DRILLING	RIG:	GEOPROBE - Tra	ck- mounted	(Ria 2)	•		· · · · · · · · · · · · · · · · · · ·			Tetra Tech	MUIS Inc
		NCING BORI			, 4 -/			Note:			rena recri	NOS, IIIC.
		AMPLING:	MACRO-CORE O	pen tube cont	inuous sample	s to 4 feet in 2	foot intervals	Phase II Screening	a = Asbestos	and	(—	∎_ì
METHOD			N/A						Metals			C
GROUND			Approximately 7' b	gs						f		
OTHER O	BSERVAT	IONS:	Phase II FID= I) PID=	D Old I	lag number 7	87 Former Landfill area – golf course	BORING NO.: 6	93A		PAGE: 1	OF 1

PAGE:

BORING LOG FOR: PROJECT NO.: LOGGED BY: DRILLED BY (Company/Driller): GRD. SURFACE ELEVATION: Raymark OU9 RI/FS N1369 J. Lambert Aquifer Drilling & Testing/ Rob Ullmann							TRANSCRIBED BY:DH	BORING NO.: START DATE: COMPLETION: MON. WELL NO CHECKED BY:		694 1/15/0 1/15/0 N/A JD		
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION 0' - 0.3' - Grass/roots (frozen)		USCS or ROCK BRKN	(mois odor class	EMARKS ture condition; s; geological ification; rock thering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		1.5'	SBP-SO-694-0002 Screening		Slightly Loose	Brown	0.3' - 0.8' - Fine-coarse SAND, trace organics (roots)	sw 	Frozen		PID=0.0 FID=0.0
1		2.0'	1/15/04 @ 1105			<u></u>	0.8' - 1.1' - Fine-coarse SAND and GRAVEL (fracture	ed)	+	Moist		
						Orange Brown	1.1' - 1.5' - Fine SAND, trace silt		SP			
2			SBP-SO-694-0204	-	Slightly	\vdash	0' - 0.3' - Fine-medium SAND, some fine angular-sub	pangular gravel				PID=0.0
3		2.0'	Screening 1/15/04 @ 1110		Dense		0.3' - 0.9' - Fine-medium SAND			-		FID=0,0
					Slightly Loose	Gray	0.9' - 1.1' - Coarse GRAVEL, trace sand		GP			
4				EOB @	Slightly Dense	Brown	1.1' - 1.4' - Fine-medium SAND, trace silt, piece of reand 0.5' thick	oot (large) 2" long	SP	+		
				4' bgs								
							İ			-		
,					<u> </u>							
					\vdash							
TYPE OF		RIG: NCING BORI	GEOPROBE - Tr	ack- mounted	l (rig 2)					1	Tetra Tecl	NUS, Inc.
METHOD METHOD	OF SOIL S	AMPLING: CORING:	MACRO-CORE (Open tube co	ntinuous sampl	es to 4 feet i	n 2 foot intervals	- - -			T	L
OTHER O			Phase I FID=C	PID=C	Flag numb	er 301	Former Landfill area – area around clubhouse	BORING NO.: 6	94		PAGE:	OF 1

	NO.: BY:	any/Driller): EVATION:	Raymark OU9 RI/I N1369 D. McGrath ADT/S. Przybylski	FS			TRANSCRIBED BY: LAH C	ORING NO.: TART DATE: OMPLETION: DATE: ION. WELL NO.: HECKED BY:	695 1/15/04 1/15/04 N/A JL	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or 'ROCK HARD.	CLR	MATERIAL CLASSIFICATION	USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
1		1.6'	SBP-SO-695-0002 Screening and confirmation 1/15/04 @ 1145		Loose	Light Brown	Fine-coarse SAND, trace silt, trace fine gravel, organics	sw	Grass plug = 6"	FID = 0.0 PID = 0.0
						+	6" fine peastone layer	GP		
2						Black	Fine SAND, trace silt, shells	SP]	
		1.7'	SBP-SO-695-0204				L T			
3		2'	Screening 1/15/04 @ 1150			▼ Gray	Fine silty SAND, trace fine gravel, shells	SM]	
			_					1		
4						Red	Possible waste material – very fine, fibers noted (PACM)	Fill	1	
				EOB @ 4' bgs			EOB @ 4' bgs - Backfill with Bentonite chips (4' -1') and top			,
								\$		
					<u> </u>					
1	DRILLING		GeoProbe – 4 X 4 M	ule				Notes:	Tetra Tech	NUS, Inc.
1		ICING BORIN		fuba aantinu	ann anmaliae t	a 42 ta Ol ta	and a land	PACM = Potential ast	pestos	
	OF SOILS		Macro – Core; Open N/A	tube, continu	ous sampling t	0 4 In 2 In	ervais	containing m		-
	OF ROCK WATER LE		Not Encountered							
	BSERVATI		Phase I. Flag No. 78	8; former Lan	dfill area			BORING NO.: 695	PAGE:	1 OF 1
										1 OF 1 tNUS Form 0018
								•	·	: : 0010

BORING LOG FOR: PROJECT NO.: LOGGED BY: DRILLED BY (Company/Driller): GRD. SURFACE ELEVATION: Raymark OU9 RI/FS N1369 J. Lambert Aquifer Drilling & Testing/ Rob Ullmann							TRANSCRIBED BY:DH	START DATE: COMPLETION: DATE: MON. WELL NO.: CHECKED BY:	1/15/04 1/15/04 N/A JD		
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION 0' - 0.3' - Grass/topsoil	USCS or ROCK BRKN	(moisture odors; q classific	IARKS e condition; geological ation; rock ring; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		1.3'	SBP-SO-696-0002 Screening		Slightly Loose	Light Brown	0.3' - 0.8' - Fine-coarse SAND, trace subangular gravel	sw	Dry		PID=0.0 FID=0.0
1		/ 2.0	1/15/04 @ 1145				-	+			
						Brown	0.8' - 1.3' - Fine-medium SAND, some coarse gravel	SP	Moist		
2								↓			
		1.2'	SBP-SO-696-0204			Dark Brown Black	0' - 0.1' - Fine SAND, trace plastic 0.1' - 0.3' - Fine SAND, trace silt, some charcoal pieces	SP/Fill			PID=0.0 FID=36.6
3		2.0'	1/15/04 @ 1150			Dark Brown	0.3' - 0.5' - Fine-medium SAND, trace silt				
						+	0.5' - 0.8' - Wood pieces 0.8' - 1.1' - Silty fine SAND, trace brick fragments	Fill SM/Fill			
4					<u> </u>	Black	1.1' - 1.2' - Silty fine SAND	SM	<u> </u>		
				EOB @							
				_							
									_		
											
					·				_		
				-					<u> </u>		
- · · ·									1		
							<u></u>		<u> </u>		
METHOD METHOD	OF ADVA OF SOIL S OF ROCK	NCING BORI SAMPLING: CORING:	ING: GEOPROBE – T DIRECT- PUSH MACRO-CORE N/A			ples to 4 feet in	2 foot intervals			Tetra Tech	NUS, Inc.
GROUND OTHER O			Phase I FID=	C PID=	C Flag	number 302	Former Landfill area – entrance to park	BORING NO.: 696		PAGE:	1 OF 1

BORING L	.OG FOR:		Raymark OU9 RI/F	s			·	BORING NO.:		697		
PROJECT	NO.:		N1369					START DATE:		1/15/	na.	
LOGGED			D. McGrath		•••		TRANSCRIBED BY: LAH	COMPLETION				
		any/Driller):	ADT/S. Przybylski					MON. WELL N		N/A	<u> </u>	
	RFACE ELI						ELEVATION FROM:	CHECKED BY		JL		
					of Santanana Woman West - Mr. vo in			OTTESTICES BY				-11-11
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION		or ROC BRK	(moi K odo N class	ture condition; rs; geological sification; rock thering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
			SBP-SO-697-0002	. ()	1 " (1 10 1	Brown	1		SP/F			FID = 0.0
1		1.8' 2'	Screening and Confirmation 1/15/04 @ 1215		Frozen	Gray	Fine SAND, trace silt, trace fine gravel. Broken rock				_	PID = 0.0
						Gray	Fine SAND, trace silt, coarse gravel. Burnt wood.					
2					▼							
		2' /	SBP-SO-697-0204			Light Brown	Medium-fine SAND, trace silt, shells, trace gravel and	organics				
		2'	Screening			DIOWII			 	-11		
3			1/15/04 @ 1220						L. 😾			1
							Broken rock		OD (E	.,,		
4						Dark to black	Fibrous silty material, minimal sand. PACM. Some gr	avel/broken	GP/Fill			<u> </u>
	_			EOB @ 4' bgs			EOB @ 4' bgs - Backfill with Bentonite chips (4' -1') an	d topsoil (1'- 0')				
									_	4		
										_		-
												
,												
									-	<u> </u>		
		·		1		L	1				 	
TYPE OF	DRILLING	RIG:	GeoProbe – 4 X 4 Mu	ıle				Notes:			Tetra Te	ch NUS, Inc.
METHOD	OF ADVAN	ICING BORIN	IG: Direct - Push									
METHOD	OF SOIL S	AMPLING:	Macro – Core; Open	tube, continu	ous sampling	to 4' in 2' inte	ervals	PACM = Por			[rs∟ì
METHOD	OF ROCK	CORING:	N/A					cor	itaining	material		
GROUND	WATER LE	VELS:	Not Encountered									
OTHER	BSERVATI	ONS:	Phase I. Flag No. 789); former Lan	dfill area			BORING NO	: 69	7	PAGE:	1 OF 1

BORING	LOG FOR	:	Raymark OU9 RI	/FS			В	ORING NO.:	698	
PROJEC	ΓNO.:		N1369				S	TART DATE:	1/15/04	
LOGGED			J. Lambert			•	TRANSCRIBED BY: DH C	OMPLETION: DATE:	1/15/04	* * *
		any/Driller):	Aquifer Drilling &	Testing/ Ro	ob Ullmann			ION. WELL NO.:	N/A	· · · · · · · · · · · · · · · · · · ·
		EVATION:						HECKED BY:	JD	
										*
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DEN SITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION Top 0.3' - Grass/roots/topsoil	USCS or ROCK BRKN	(moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		1.8'	SBP-SO-698-0002	11101 2	Frozen	Brown	0.3' - 0.5' - Fine SAND, some medium sand, trace silt, trace (roots)	e organics SP	Frozen	PID=0.0 FID=0.0
1		2.0'	Screening 1/15/04 @ 1215			Gray	0.5' - 1.0' - GRAVEL; subrounded, trace fine-medium sand	GW		F1D=0.0
						Brown Orange- Brown	1.0' - 1.2' - Fine SAND, some silt 1.2' - 1.3' - Fine-medium SAND, some silt	SP		
2						Brown	1.3' - 1.8' - Fine-medium SAND, trace silt	. ↓		
		1.3'	SBP-SO-698-0204 Screening and Confirmation			Tan	0.0' - 0.8' - Fine-coarse SAND, some silt	SW		PID=0.0 FID=0.0
3		/	1/15/04 @ 1220			<u> </u>		+		
			Confirmation DUP #21 1/15/04 @ 1225			Brown	0.8' - 1.0' - Silty fine SAND	SM		
4					+	Black	1.0' - 1.3' - Silty fine SAND and GLASS	SM/Fill	1	
				EOB @ 4' bgs						
									-	
TYPE OF	DRILLING	PIC:	GEOPROBE – Tra	ick- mountos	1 (rig 2)				T_1_ T-	6 AU 10 (
		RIG: NÇING BORI		ick- mounted	1 (ng 4)				retra lec	h NUS, Inc.
		NCING BORI SAMPLING:	MACRO-CORE O	nen tuhe co	ntinuous samn	les to 4 feet in	n 2 foot intervals			
	OF SOIL S		N/A	her rape on	minuous sainp	100 to 4 100t II	D Z IVOLINGITUIS			 -
	WATER L		NO	<u>. </u>						

Former Landfill area - near TtNUS trailer

PID=C

Flag number 312

Phase I FID=C

OTHER OBSERVATIONS:

PAGE:

BORING NO.:

698

BORING !	OG FOR:		Raymark OU9 RI/FS	3							BORIN	IG NO.:		699			
PROJECT	NO.:		N1369								START	ΓDATE:		1/15/0	4		
LOGGED	BY:		D. McGrath	İ			Т	RANSCRIE	BED BY:	LAH	COMP	LETION: D	ATE:	1/15/0			
DRILLED	BY (Compa	any/Driller):	ADT/S. Przybylski		-				_		MON.	WELL NO.	:	N/A	-		
GRD. SUF	RFACE ELE	EVATION:					Е	LEVATION	FROM:			KED BY:		JL			
	1			g	(F)	F	······································	, g., r. r. r. r. r. r. r. r. r. r. r. r. r.									
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. of ROCK HARD.		_R			MATERIAL CLASSIFICATION	N .		USCS or ROCK BRKN	(moist odor class	REMARKS ture condition; rs; geological sification; rock thering; etc.)	SCRI D MET	IELD EENING IATA THOD = , (PPM)]
			SBP-SO-699-0002			Į.	ed	Silty SAN	D, organics,	trace fine gravel			SM/Fill	Root ba	all = 2"	FID =	
		2 /2	Screening and Screening dup 23 @ 1300		Frozen	Bro)WN			<u> </u>				}		PID =	0,0
1			1/15/04 @ 1250			1::								ļ			
						Lig Bro	-	Fine-coar	se SAND, tr	ace silt, trace gravel, s	chelle		SW/Fill			-	
						Dic	WII				0110110			1			
2																	l .
			SBP-SO-699-0204											 		+	 -
		2' /	Screening														
		2'	_											1			1
3	İ		1/15/04 @ 1255														
							L		,								
					 	Red,	hrowen	Eibroue ei	lh, motorial	possible plastic debris	in intermed DA		Table 1				
4						Bla	ack	I IUIUUS SI	ity material,	possible plastic debris	is intermixed, PA	ACIVI	Fill			,	↓
				EOB @	 									·		- 	
				4' bgs				EOB @ 4'	bgs - Backf	ill with Bentonite chips	s (4' -1') and top	soil (1'- 0')				-	
										 				1			
													-			—	
														1			
														<u> </u>		 	
												•	-			-	
																-	
													8				
														<u> </u>			
	-							-									
	<u> </u>				l	L		<u> </u>						<u> </u>			
TYPE OF	DRILLING I	RIG:	GeoProbe – 4 X 4 Mule	;							Note	s:			Tetra Ted	h MIIC	Inc
		ICING BORIN	IG: Direct - Push												rena rec		mc.
	OF SOIL S		Macro - Core; Open tul	be, continuou	us sampling to	1' in 2' in	ntervals	3			PAC	M = Potent	tial asbesto	s			
	OF ROCK		N/A	,									ning materi				
	WATER LE		Not Encountered														
	BSERVATI		Phase I. Flag No. 790;	former Landfi	ill area						T ROE	ING NO.:	699	 -			
- IIII	Charlet Fill I		. 1,000 1 100 110. 100,	Lanul							BUR	10 NO	Joa		PAGE:	1 OF	1

BORING	LOG FOR	:	Raymark OU9 R	l/FS				BORING NO.:		700	
PROJECT	FNO.:		N1369					START DATE:		1/15/04	
LOGGED	BY:		J. Lambert				TRANSCRIBED BY: DH	COMPLETION	: DATE:	1/15/04	
DRILLED	BY (Comp	oany/Driller):	Aquifer Drilling 8	Testing/ Ro	ob Ullmann			MON. WELL N	O.:	N/A	·
GRD, SU	RFACE EL	EVATION:					ELEVATION FROM:	CHECKED BY:		JD	
						_					
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION 0-0.2' Grass/roots		USCS or ROCK BRKN	REMARKS (moisture condition odors; geologica classification; roweathering; etc.	DATA ** METHOD =
		1.2'	SBP-SO-700-0002	1,,,,,,		Brown	0.2' - 0.9' - Fine SAND, trace silt, trace subrounded/ trace roots	rounded gravel,	SP	Moist	PID=0.0 FID=0.0
1		2.0'	Screening 1/15/04 @ 1305			Black	0.9' - 1.0' - SLAG (1" pieces)		Fill	Dry	110-0.0
		•				White	1.0' - 1.2' - Concrete pieces				· · · · · · · · · · · · · · · · · · ·
2						+	V		\	↓	
		0.7'	SBP-SO-700-0204 Screening			Dark- Brown	0.0' - 0.1' - Fine-medium SAND, some charcoal piece	es	SP/Fill	Moist 	PID=0.0 FID=0.0
3		2.0'	1/15/04 @ 1310								
						Black	0.1' - 0.7' - Possible burn zone- fine-coarse SAND a fragments, one coarse gravel sized cinde		SW/Fill		
4						<u> </u>	<u> </u>		+		
				EOB @ 4' bgs							
					<u> </u>						
				_					,		
					\bigsqcup						
					<u></u> ,					<u> </u>	
TYPE OF	DRILLING	RIG:	GEOPROBE – Tr	ack- mounted	l (rig 2)			— Nata		Tetra	Tech NUS, Inc.
METHOD OF ADVANCING BORING: DIRECT- PUSH								Note:			
	METHOD OF SOIL SAMPLING: MACRO-CORE Open tube continuous samples to 4 feet						n 2 foot intervals	- * = Poor volume	after 2 atter	nots –	"33-
1	ETHOD OF ROCK CORING: N/A							material com			ر با ا
1	WATER LE							·			
OTHER C	BSERVAT	IONS:	Phase I FID=	C PID= C	Flag numi	ber 303	Former Landfill area – area around TtNUS trailer	BORING NO.:	700	PAGE	1 OF 1

PROJECT LOGGED DRILLED	ROJECT NO.: N13 DGGED BY: D. M RILLED BY (Company/Driller): Aqu RD. SURFACE ELEVATION: BLOWS SAMP SAM DEPTH PER REC. T			I/FS : Testing/ S.	Przybylski		TRANSCRIBED BY:DH	BORING NO.: START DATE: COMPLETION: MON. WELL NO CHECKED BY:) .:	701 1/15/04 1/15/04 N/A JD	
DEPTH (FEET)			SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION		USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		2.0'	SBP-SO-701-0002 Screening and Confirmation		Frozen	Light Brown Gray	Fine-medium SAND, trace silt Shells, trace fine gravel and organics		SM Fill	Root plug at 4"	PID=0.0 FID=0.0
1			1/15/04 @ 1330			Brown	Fine material fibrous with shells, possible waste m SAND	aterial, then gray fine	SP/Fill	Possible PACM	
2		2.0'	SBP-SO-701-0204			Gray	Fine gray SAND, trace gravel, shells, trace silt		+	Wet	
3		2.0'	1/15/04 @ 1335			Black	Possible waste material, wood, plastic. Fibrous m 3.5'	aterial embedded * to	Fill	Possible PACM	
4						Yellow	Fine SAND, 0.5'		SP	Wet	
				EOB @ 4' bgs			EOB @ 4' bgs - Backfill with Bentonite chips (4-1)	and topsoil (1-0)			
									,		
METHOD METHOD METHOD GROUND	TYPE OF DRILLING RIG: METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: MYA Water table approximately 2' bgs OTHER OBSERVATIONS: Phase I Flag number 792 Former Landfill area						n 2 foot intervals	PACM = Possible asbe material * = Fibers were possible	e organic		E
OTHER C	BSERVAT							BORING NO.: 7	01	PAGE:	OF

BORING	LOG FOR	:	Raymark OU9 F	RI/FS	,			BORING NO.:		702	
PROJEC [*]	ΓNO.:		N1369					START DATE:		1/15/04	
LOGGED			J. Lambert				TRANSCRIBED BY:DH	COMPLETION	I: DATE:	2/3/041/15/04	
DRILLED	BY (Comp	pany/Driller)	: Aquifer Drilling &	& Testing/ Rot	Ullmann		***************************************	MON. WELL N	IO.:	N/A	
GRD. SU	RFACE EL	EVATION:					ELEVATION FROM:	CHECKED BY	:	JD	
	1							and the same of th	(m) process		
DEDTIL	BLOWS	SAMP REC.	SAMPLING TIME	DEPTH	SOIL				uscs	REMARKS	FIELD
DEPTH (FEET)	PER 6"	KEC.		MAT'L	DENSITY/	h .	MATERIAL		or	(moisture condition;	SCREENING
(, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	"	SAMP	SAMPLE NO.	CHG./ WELL	CONSIS. or ROCK	CI D	CLASSIFICATIO	N N	ROCK	odors; geological	DATA
0	N/A	LENG.	(QA/QC STATUS)	PROF'L	HARD.	CLR	0' - 0.3' - Grass/roots/ topsoil (frozen)		BRKN	classification; rock	METHOD =
	 	· ·	SBP-SO-702-0002	TROLL	Slightly	Orange-	0.3' - 1.5' - Fine SAND, some medium san	d trans silt trans arranias	CD/ESI	weathering; etc.)	[FID, (PPM)
	<u> </u>	15)	351-30-102-0002			Brown	(roots) slag pieces at 0.4'	u, trace sit, trace organics	SP/Fill	Moist	PID=0.0
<u> </u>	<u> </u>	1.5'	Screening	1	Loose		(rooto) stag prodoc di c. i			<u> </u>	FID=0.0
		2					1				
1	<u> </u>		1/15/04 @ 1325								
	1			1	1	10	1				
							1			!	İ
				1						1	
2				1			I				
-	-		SBP-SO-702-0204	-	-	Brown	0' - 1.0' - Fine-medium SAND, trace silt,	traca elan niocae	 	 	DID-0.0
	-	1.2'	007 00 102 0204			D104111	V - 1.0 - Tille-mediam SAND, water sin,	trace stay pieces			PID=0.0
	<u> </u>	. /	Screening			- 			 	4 1	FID=0.0
	<u> </u>	/ 2°	4/45/04 0 4000				l				
3			1/15/04 @ 1330				<u></u>		<u> </u>		
				1	Slightly	Dark	1.0' - 1.2' - Silty fine SAND, trace medium	sand, painted wood in nose	SM/Fill		- 1
1		!		1 .	Dense	Brown	1				}
		1			1				T	1 ↓	
4		1					↓			Y	
	 -			EOB @ 4'			T		 		
				bgs			1				
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	<u></u>						<u> </u>		<u> </u>	L	
TVDE OF	DRILLING	DIC:	GEOPROBE – Tr	ook mounted (Dia 2\						
		KIG: NCING BORI		aux-mounted (riy 4)					Tetra Tec	h NUS, Inc.
		NCING BORI SAMPLING:	MACRO-CORE (Onon tubo se-t	inuque comelo	e to 4 foot in t	2 foot intervals				$\overline{}$
1	OF SOIL S		N/A	Open tube cont	muous sample	SIU 4 IEEL IN A	2 IOUT INTELVAIS				t d
IME LHOD	UF RUCK	COMING:	IN/A								

Former Landfill area - near TtNUS trailer

BORING NO.: 702

GROUNDWATER LEVELS: OTHER OBSERVATIONS:

Phase I FID=C

PID= C

Flag number 314

1 OF

BORING I PROJECT LOGGED	NO.:	:	Raymark OU9 R N1369 J. Lambert	I/FS			TRANSCRIBED BY:	DН	BORING NO.: START DATE: COMPLETION:	: DATE:	702A 1/29/ 1/29/	04	
		oany/Driller) .EVATION:	Aquifer Drilling &	Testing/ Ro	b Ullmann		ELEVATION FROM:		MON. WELL N CHECKED BY:		N/A JD		
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	ÇLR		MATERIAL CLASSIFICATION		USCS or ROCK BRKN	(mois odo clas	REMARKS sture condition; rs; geological sification; rock athering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
1			No Samples collected from 0-4' bgs				Refer to Boring Log Numb	er 702 for soil profile detai	ils from 0-4'				
2													
3				_							-		
4		0.8'	SBP-SO-702A-0406 Screening	_	Slightly Loose	Brown	0' - 0.2' - Fine-coarse SAN gravel			sw	Moist		PID=0.0 FID=0.0
5		2.0'	1/29/04 @ 0920			\	0.2' - 0.5' - Silty fine-med fragments (ve	ium SAND and organics (ary hard with fibers on end	leaf litter), some tile - PACM?)	SM/Fill			
6						Red- Brown	0.5' - 0.8' - Fine sandy SIL			ML	↓		
			SBP-SO-702A-0608 Screening				Fine sandy SILT, some org	ganics (roots)			Wet		PID=0.0 FID=0.0
7			1/29/04 @ 0945										
8				EOB @ 8' bgs	\ \			\		↓	+		
TYPE OF DRILLING RIG: METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: MACRO-CORE Open tube continuous samples to 4 ferman description of the continuous samples to 4 f								P)	otes: hase II screening = As ACM = Potential Asbo Material BORING NO.:	sbestos and estos contai	Metals ning	Tetra Tech	E

BORING I PROJECT	OG FOR:		Raymark OU9 RI/F N1369	S		···· ·		BORING NO.: START DATE:			703 1/15/04	
LOGGED			D. McGrath				TRANSCRIBED BY: LAH	COMPLETION		TE.	1/15/04	
		any/Driller):	ADT/S. Przybylski		-		TRANSCRIBED BY:	MON. WELL N		IE.	N/A	
	RFACE ELE	•	110 110.11 12 juyloki				ELEVATION FROM:	CHECKED BY			JL JL	
								OHLONED BY	•		JL	······································
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL. DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION		RC BR	SCS OF OCK RKN	REMARKS (moisture condition; or geological classificati rock weathering; etc	ion; DATA
		2 / 2	SBP-SO-703-0002 Screening		Frozen	Light Brown	Silty SAND, trace organics, trace coarse subangular grashells	avel, and fine	SM	VFill	Root ball = 3"	
1			1/15/04 @ 1420									
							<u> </u>		,	∤		
2					Loose	Gray	Fine-medium SAND, trace silt, shells		SP	/Fill		
		2' /	SBP-SO-703-0204									
		2'	Screening	i						 		
3			1/15/04 @ 1425				.			↓		
					Loose	Black	3.0' – 3.5' - silty material with fibers and metal (PACM)		Æ	ill		
4					:	Gray	3.5' – 4.0' - fine-coarse SAND, trace gravel, organics		S	w		
				EOB @ 4' bgs			EOB @ 4' bgs - Backfill with Bentonite chips (4' - 1') and	d topsoil (1'- 0')				
									-			· · · · · · · · · · · · · · · · · · ·
	-											
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										-		
				<u> </u>					_			
TYPE OF	DRILLING	RIG:	GeoProbe – 4 X 4 Mu	ile				Notes:			Tetra	Tech NUS, Inc.
METHOD	OF ADVAN	ICING BORIN	NG: Direct - Push					_				
METHOD	OF SOIL S	AMPLING:	Macro Core; Open t	tube, continue	ous sampling t	to 4' in 2' in	ervals	PACM = Pot				T
METHOD	OF ROCK	CORING:	N/A					con	nau (II	ng mat	eliai	
	WATER LE		Not Encountered									
OTHER C	BSERVATI	ONS:	Phase I, Flag No. 791	; former Land	dfill area			BORING NO.	.: 7	703	PAGE:	1 OF 1

PROJECT LOGGED			N1369 J. Lambert				TRANSCRIBED BY: DH	START DATE: COMPLETION:	: DATE:	1/15/04 1/15/04	
		any/Driller):		Testing/ Ro	b Ullmann			MON. WELL N		N/A	
GRD. SUF	RFACE EL	EVATION:					ELEVATION FROM:	CHECKED BY:	:	_JD	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION 0.0' - 0.2' - Grass/roots		USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		1.5'	SBP-SO-704-0002 Screening		Slightly Dense	Light Brown	0.2' - 1.0' - Fine-coarse SAND, trace silt, some roo	ots (1 1/2" in diameter)	sw	Moist	PID=0.0 FID=0.0
1			1/15/04 @ 1350	-		Brown	1.0' - 1.3' - Fine-coarse SAND, some silt				
2			SBP-SO-704-0204			Dark	0.0' - 0.3' - Fine-medium SAND, trace silt		₩		PID=0.0
		1.1'	Screening			Brown	0.3' - 1.0' - Sitty fine SAND		SM		FID=0.0
3		•	1/15/04 @ 1355			Dark Red	1.0' - 1.1' - Fine-coarse SAND, trace silt		sw	Wet	
4				EOB @	\	1			\	↓	
				4' bgs					<u> </u> 	-	
					<u>. </u>						
				1					*		
METHOD METHOD METHOD		NCING BORI SAMPLING: CORING:	GEOPROBE – Tr NG: DIRECT- PUSH MACRO-CORE (N/A Water table appro	Open tube co	ntinuous samp	oles to 4 feet in	2 foot intervals			Tetra Tec	ch NUS, Inc.
OTHER C			Phase I FID=C			number 304	Former Landfill area - TtNUS trailer area	BORING NO.:	704	PAGE:	1 OF 1

BORING LOG FOR:

OTHER OBSERVATIONS:

Raymark OU9 RI/FS

BORING NO.:

704

Boring L	LOG FOR:		Raymark OU9 RI/F	² S				BORING NO.:		705		
PROJECT	NO.:		N1369			_		START DATE:		1/15/0)4	
LOGGED	BY:		D. McGrath				TRANSCRIBED BY: LAH	COMPLETION		1/15/0		· ,,,,,
		any/Driller):	ADT/S. Przybylski					MON. WELL N		N/A		
	RFACE ELE		715 170. 1 12y by local				ELEVATION FROM:	CHECKED BY:				 -
51 ND. 001	W MOL LLL		-				ELEVATION FROM:	CHECKED B1.		_JL		
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP	SAMPLING TIME & SAMPLE NO.	DEPTH MAT'L CHG./ WELL	SOIL DENSITY/ CONSIS. or ROCK	CLR	MATERIAL CLASSIFICATION		or ROCK BRKN	(moisture geologic	condition; odors; al classification; eathering; etc.)	FIELD SCREENING DATA METHOD =
0	N/A	LENG.	(QA/QC STATUS)	PROF'L	HARD.							[FID, (PPM)]
		2' /2'	SBP-SO-705-0002 Screening		Frozen	Red Brown	Silty fine SAND, trace subangular gravel, fine rock fragr	nents	SM/Fill	Root ball	= 4"	
1			1/15/04 @ 1500			L			- 1			
							↓		+			
2			000 00 705 0004			Gray	Fine SAND, trace silt, trace gravel		SP/Fill			
		1.6'	SBP-SO-705-0204 Screening				Similar to above with rock fragments					
3		2'	1/15/04 @ 1505				1					
						Black	Silty material, no fibers noted, wood debris, glass		Fill			
								*				
4				EOB @							<u> </u>	
				4' bgs		<u> </u>	EOB @ 4' bgs - Backfill with Bentonite chips (4' -1') and	topsoil (1'- 0')				
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4												
									٤	_		
			<u> </u>		<u> </u>	<u> </u>						5
TYPE OF	DRILLING I	RIG:	GeoProbe – 4 X 4 Mu	ıle				Notes:			Tetra Tech	NUS Inc
METHOD	OF ADVAN	ICING BORIN	NG: Direct - Push					_				
METHOD	OF SOIL S	AMPLING:	Macro – Core; Open t	tube, continu	ous sampling to	4' in 2' inte	rvals	PACM = Pot	tential asbe			∟ ì .
	OF ROCK		N/A				<u> </u>		U		[■	L-j
GROUNE	WATER LE	.VELS:	Not Encountered									
OTHER C	DBSERVATI	ONS:	Phase I. Flag No. 786	i; former Land	dfill area			BORING NO.	: 705		PAGE:	1 OF 1

BORING L			Raymark OU9 R	I/FS					BORING NO.:		706		
PROJECT	NO.:		N1369						START DATE	:	1/15/04	4	
LOGGED	BY:		J. Lambert				TRANSCRIBED BY	′: <u>DH</u>	COMPLETION	N: DATE:	1/15/04	4	
DRILLED I	BY (Comp	any/Driller):	Aquifer Drilling &	Testing/ Ro	b Ullmann				MON, WELL I	NO.:	N/A		
GRD. SUF	FACE EL	EVATION:					ELEVATION FROM	1:	CHECKED BY	/ :	JD		
-				***************************************							San section of the se		
DEDTH	BLOWS	SAMP	SAMPLING TIME	DEPTH	SOIL					uscs		EMARKS	FIELD
DEPTH (FEET)	PER 6"	REC.		MAT'L	DENSITY/			MATERIAL		Or		ure condition;	SCREENING
(PEEI)		SAMP	SAMPLE NO.	CHG./	CONSIS.	OLD.		CLASSIFICATION		ROCK		s; geological	DATA
0	N/A	LENG.	(QA/QC STATUS)	PROF'L	or ROCK HARD.	CLR	0.0' - 0.3' - Grass/roots	toneoil (frozon)		BRKN		fication; rock	METHOD =
			SBP-SO-706-0002	FROFE	Frozen	Brown	0.3' - 0.6' - Fine-mediu	, , ,		SP	Frozen	hering; etc.)	[FID, (PPM)]
		471	3BF-3Q-700-0002	1	Hozen	BIOWII	0.5 - 0.0 - Fine-illedid	III SAND, trace sit		J 3F	riozen		PID=0.0
		1.7'	Screening	1									FID=0.0
		2.0'	_		i I	Light	0.6' - 0.8' - Fine-coarse	SAND and GRAVEL		SW/GW			
1	i		1/15/04 @ 1435			Brown	L			1			
							0.8' - 1.2' - Fine-coarse	SAND		SW			
				i	1 1					1 1			
					-						1		
2					l 1								
			CDD CO 700 0004	-			O O' O O' Ciroller mod				\vdash		DID
		/	SBP-SO-706-0204			T	0.0' - 0.6' - Similar mat	enai to above					PID=0.0
		1.4'	Screening			V							FID=0.0
		2.0'			1 1	Brown	0.6' - 1.2' - Fine-mediu	m SAND, trace subrounded gr	avel	SP			
3			1/15/04 @ 1440				L				1		
												-	
						\ \	1	7		.♥			
						Dark	1.2' - 1.4' - Silty fine SA	AND		SM	1 1		
4						Brown		· · · · ·		0	₩		
7				E08.6		2.0					 		
				EOB @						l .			
				4' bgs			<u> </u>			ļ			
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TYPE OF			GEOPROBE – Tra	ack- mounted	(rig 2)				_			Tetra Tech	NUS, Inc.
		ICING BORI							_				
		AMPLING:	MACRO-CORE C	pen tube cor	ntinuous sample	es to 4 feet in	2 foot intervals		<u> </u>		İ	Te-	!
METHOD			<u>N/A</u>						_			Į I	T. j
GROUND													
OTHER O	RSERVAT	IONS:	Phase I FID= (C PID= C	: Flag n	umber 316	Former Landfill are:	a – TtNUS trailer area	BORING NO.:	706		DAGE: 1	1 OF 1

PROJECT LOGGED I DRILLED I	ORING LOG FOR: ROJECT NO.: OGGED BY: RILLED BY (Company/Driller): RD. SURFACE ELEVATION: RAymark OU9 RI/FS N1369 D. McGrath Aquifer Drilling & Testing/S. Przybylski						BORING NO START DA' TRANSCRIBED BY: RAC COMPLETI MON. WEL ELEVATION FROM: CHECKED	TE: ON: DATE: L NO.:	707 1/15/04 1/15/04 N/A JD
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION	USCS or ROCK BRKN	(moisture condition; odors; geological DATA classification; rock weathering; etc.)
		2'	SBP-SO-707-0002 Screening		Frozen	Red Brown	Silty SAND, trace organics, trace coarse sand	SM	Grass/root plug = approximately 3"
1		/ 2'	1/15/04 @ 1510			₩	Date and	_ ↓	
						Black	Broken rock Silty SAND, trace gravel	SM	
2									
		2'	SBP-SO-707-0204 Screening			Gray	Fine SAND, trace shells	SP	
3	·	/ 2'	1/15/04 @ 1515						
4									
				EOB @ 4' bgs			EOB @ 4' bgs – Backfill with bentonite chips (4'-1') and topsoil (1'-0')		
								_	
			110		-			_	
,					<u> </u>			-	
								\$	
								_	
					,				
TYPE OF I	OF ADVAN OF SOIL SA OF ROCK (CING BORIN MPLING: ORING:	GEOPROBE – 4 X A G: DIRECT- PUSH MACRO-CORE OP N/A		tinuous sample	es to 4' in 2' in	ervals		Tetra Tech NUS, Inc.
OTHER O			Phase I Flag Nur	mber 384	Forme	r Landfill Area	BORING NO.:	707	PAGE: 1 OF 1 TtNUS Form 0018

BORING L	OG FOR:		Raymark OU9 Rt	/FS				BORING NO.:		707A		
PROJECT	NO.:		N1369					START DATE:		1/22/04		
LOGGED	BY:		J. Lambert				TRANSCRIBED BY: RAC	COMPLETION:	DATE:	1/22/04	1	
DRILLED	BY (Compa	any/Driller):	Aquifer Drilling &	Testing/Rob	Ulimann			MON. WELL NO	D. :	N/A		
GRD. SUF	RFACE ELI	EVATION:					ELEVATION FROM:	CHECKED BY:		JD		
		CAND	CAMPINIC							200000000000000000000000000000000000000		
DEPTH	BLOWS	SAMP REC.	SAMPLING TIME	DEPTH MAT'L	SOIL DENSITY/	1	MATTERIAL		uscs		MARKS	FIELD
(FEET)	PER 6"	/	&	CHG./	CONSIS.	1	MATERIAL CLASSIFICATIO	N N	ог		re condition; ; geological	SCREENING DATA
		SAMP	SAMPLE NO.	WELL	or ROCK	CLR	OB TO STATE	5.11	ROCK		ication; rock	METHOD =
0	NA	LENG.	(QA/QC STATUS)	PROF'L	HARD.				BRKN		nering; etc.)	[FID, (PPM)]
		,	SBP-SO-707A-0002			1	Refer to Boring Log Number 707 for soil pro	ofile details from 0' - 4' bgs				
		2	Full Suite, less dioxin and SPLP							-		
1		_	1/22/04 @ 1015			1						
<u> </u>			DUP 02	1						 		
			1/22/04 @ 1120						ļ. <u></u> .			
2												
			SBP-SO-707A-0204									
		1.5'	Full Suite, less dioxin			1						1
		2'	and SPLP				· · · · · · · · · · · · · · · · · · ·			1		
3			1/22/04 @ 1040			1						
				1 1						 		
					l' .							
										1		
4						1	▼					
 	_		SBP-SO-707A-0406	1 1	Slightly	Dark Brown	0' - 0.1' - Silty fine SAND, some plastic, s	come organice (roote), niece	SM	Moist		<u> </u>
		1.8'	3BF-30-707A-0400		Loose	Daik Blown	of blue green plastic	some organics (roots), piece	SIVI	IVIOISI		PID = 0.0
		2'	Full Suite (waste)			Gray	0.1' – 0.3' – Fine-medium SAND		SP	 		PID = 0.0
5	<u> </u>		1/22/04 @ 1100			Dark Brown	0.3' – 0.5' – Fine SAND, some medium san	ad.	%			FID = 0.0
-			172204 @ 1100	-		Tan	0.5' – 0.6' – Fine to coarse SAND	<u> </u>	CM	 	DA ON St - t	FID = 0.0
						Dark Brown		eadle like fibers throughout	SW Fill		PACM noted in sample	
ļ						Dark Blowii		<u>_</u>		4	in sample	
				1 1		1	1.2' - 1.8' - Fine to coarse SAND, some gla	ass, piece of metal/wire	SW/Fill			
6	· · · -			- 1		 	01 001 E 1 011 E		<u> </u>			
		4.01	SBP-SO-707A-0608			1 1	0' - 0.6' - Fine to coarse SAND, some silt,	trace glass	l L			
		1.6'	Full Suite, less dioxin and SPLP			V			V	↓		PID = 0.0
_		/ 2'				Dark Gray	0.6' – 1.0' – Fine-medium SAND		SP] [
7			1/22/04 @ 1205	4					ľ	ullet		FID = 241.6
				1 1		Black	1.0' - 1.1' - Fine-medium SAND, some silt		₩	1 1		
						Gray	1.1' – 1.3' – Coarse GRAVEL (fractured)		GP	_ ▼		
				EOB @ 8' bgs	1 1		1.3' – 1.6' – Silty fine SAND, some wood fra	agments	SM/Fill	Wet		
8				o bys		<u> </u>						
TYPE OF	DRILLING F	ne.	GEOPROBE - Tra	ck- mounted							T-4 T /	100
1		dig. CING BORIN		os- mountou				Note: Full Suite = SVOCs, Pesticid	oo/DCDs =		Tetra Tech	NUS, Inc.
	OF SOIL SA		MACRO-CORE O	pen tube con	tinuous sample	es in 2' interval	s	dioxin, SPLP me	tals and PC	netals, Bs		.)
	OF ROCK (N/A					asbestos, and Vo	DCs .	ſ		
	WATER LE		Approximately 7.5'	bgs		• •		PACM = Potential asbestos co	ontaining m	aterial		ン
	BSERVATION		Phase II Old Fla		4 Form	er Landfill Area	a – outside baseball field FID/PID = D	BORING NO.: 7	07A		PAGE: 1	OF 1

BORING I	OG FOR:	:	Raymark OU9 R	RI/FS				BORING NO.:		708		
PROJECT NO.: N1369 LOGGED BY: J. Lambert								START DATE:		1/15/0)4	···
			J. Lambert	•			TRANSCRIBED BY: DH	COMPLETION	: DATE:	1/15/0		
DRILLED	BY (Comp	any/Driller):	Aquifer Drilling &	& Testing/ Ro	b Ullmann			MON. WELL N		N/A		
		EVATION:		•			ELEVATION FROM:	CHECKED BY:		JD		
				A STATE OF THE PARTY OF THE PAR								
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP	SAMPLING TIME & SAMPLE NO.	MAT'L CHG./ WELL	DENSITY/ CONSIS. or ROCK	CLR	MATERIAL CLASSIFICATION		USCS or ROCK	(mois	EMARKS ture condition; 's; geological ification; rock	FIELD SCREENING DATA METHOD =
0	N/A	LENG.	(QA/QC STATUS) SBP-SO-708-0002	PROF'L	HARD. Slightly	Brown	0.0' - 0.3' - Grass/roots 0.3' - 0.6' - Silty fine-medium SAND, trace organics (r	mote)	BRKN	wea Moist	thering; etc.)	[FID, (PPM)]
		1.5' 2.0'	Screening		Loose	BIOWII	v.o - o.o - only information on to, trace organics (i			WOIST		PID=0.0 FID=0.0
1		/	1/15/04 @ 1500	4								
						Tan	0.6' - 1.5' - Fine-medium SAND, trace subrounded/ro	unded gravel	SP			
2				1			ļ		↓			
		1.3'	SBP-SO-708-0204				Fine-medium SAND, trace coarse sand, trace rounde gravel	ed/subrounded	sw			PID=0.0 FID=0.0
		2.0'	Screening 1/15/04 @ 1505							İ		
3			1/13/04 @ 1303	-		\vdash				 - 		
4		•				*				<u> </u>		
				EOB @ 4' bgs								
···				0 1								
				-						<u> </u>		
	<u> </u>				<u> </u>				<u> </u>			
				_								
,												
									8			
				1								
					<u> </u>							
TYPE OF		RIG: NCING BORI	GEOPROBE Tr NG: DIRECT- PUSH	ack- mounted	l (rig 2)						Tetra Tech	NUS, Inc.
		SAMPLING:	MACRO-CORE (Open tube cor	ntinuous sampl	es to 4 feet in	2 foot intervals	_				. `
METHOD	OF ROCK	CORING:	N/A					_ _				ᄃ
GROUND OTHER O			Phase FID=0	PID= C	Flag r	number 315	Former Landfill area – TtNUS trailer area	BORING NO.:	708		PAGE:	L OF 1

	NO.: BY:	any/Driller): EVATION:	Raymark OU9 RM N1369 C. Rousseau/Neb Aquifer Drilling &	Dedic			TRANSCRIBED BY:DH	BORING NO.: START DATE: COMPLETION: DAT MON. WELL NO.: CHECKED BY:	E: 1	09 /19/04 /19/04 I/A	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR	CLASSIF	ERIAL ICATION	USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		1.8'	SBP-SO-709-0002		Loose	Brown	0 - 0.3' - Topsoil, grass, roots			Dry, frozen	
1		2.0'	Screening 1/19/04 @ 1530			Light Brown	0,3'-1.0' - Silty sand, fine-medium gravel	sand, some coarse sand, trace	SM/Fill	-	FID=0.0 PID=0.0
							1.0' - 2' - Medium-coarse SAND, s	ome fine sand, trace gravel	SW/Fill	No odor No visible waste	
						.	,	7			
2		1.8' /	SBP-SO-709-0204	1		Light Brown	2.0' - 2.4' - Medium - coarse SAN	D, some fine sand, trace gravel	+	Dry-moist	
3		2.0'	1/19/04 @ 1540				2.4' - 4' - Sandy SiLT, trace organ some coarse sand	ics, mostly fine-medium sand,	SM/Fill		
										Frozen Glass fragments No odor	FID=0.0 PID=0.0
4]			↓	₩	,				
				EOB @ 4' bgs							
										_	
				_							
<u> </u>		-									
				¥.					*		
										_	
	DRILLING I		GEOPROBE – 4X4	4 Mule					·	Tetra Tec	h NUS, Inc.
1	OF ADVAN	ICING BORIN AMPLING:	IG: DIRECT- PUSH MACRO-CORE C	Continuous to 4	4' / 2' sample in	terval					
METHOD	OF ROCK	CORING:	N/A							[[T)
	WATER LE		Phase I FID (B)	PID (B)	Flag numi	ber 322		BORING NO.:	709	PAGE:	1 OF 1

OTHER OBSERVATIONS:

BORING LOG FOR: PROJECT NUMBER: LOGGED BY: DRILLED BY (Company/Driller): GRD. SURFACE ELEVATION:	Raymark OU9 RI/F N1369 C. Rousseau/Neb Aquifer Drilling & T	Dedic			BORING NO START DATE TRANSCRIBED BY: DH COMPLETIO MON. WELL ELEVATION FROM: CHECKED B	e: Dn: date: No.:	710 1/19/04 1/19/04 N/A JL	
DEPTH PER REC. (FEET) 6° / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION	USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
1.8'	SBP-SO-710-0002 Screening	·	Loose	Brown- Black	0' - 0.6' - Topsoil, grass, roots, silty SAND, fine-medium sand 0.6' - 2.0' - Silty SAND, fine-medium sand, some coarse sand, trace	SMFill	Dry-moist	
1	1/19/04 @ 1605				gravel		Glass fragments, piece of plastic	
1.2'	SBP-SO-710-0204 Screening			Brown/ Dark Brown	2.0' - 4.0' - Silty SAND, fine-medium sand, some silt, trace organics		Moist-wet No odor No visible waste	FID=0.0 PID=0.0 FID=0.0
3	1/19/04 @ 1610							PID=0.0
4		EOB @ 4' bgs		*		\ \		
	_							
						*		
TYPE OF DRILLING RIG: METHOD OF ADVANCING BORING METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: GROUNDWATER LEVELS: OTHER OBSERVATIONS:	MACRO-CORE O		4 foot – 2 foot Flag Nu	sample inter	rais BORING NO.:	710.	Tetra Tech	NUS, Inc.

PROJECT LOGGED DRILLED							TRANSCRIBED BY:	BORING NO.: START DATE: COMPLETION: DATE: MON. WELL NO.: CHECKED BY:	710A 2/3/04 2/3/04 N/A JD	2/3/04 2/3/04 N/A	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION	USC or ROC BRKI	K (moissi K odors k classi	ure condition; s; geological fication; rock hering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
4			No Samples Collected from 0' - 4' bgs				Refer to Boring Log Number 710 for soil profile details	from 0-4'	-		
		1.3'	SBP-SO-710A-0406 Screening		Slightly Loose	Brown Dark	0' - 0.3' - Silty fine SAND 0.3' - 0.9' - Similar material to above – color change on	SM	Wet		PID=0.0 FID=0.0
5		/ 2.0	2/3/04 @ 1135			Brown	0.5 - 0.9 - Olitinar material to above - color change on				
6						Brown	0.9' - 1.3' - Silty fine-medium SAND				
		1.6'	SBP-SO-710A-0608 Screening				0' - 0.4' - Fine sandy SILT, trace angular gravel		_		PID=0.0 FID=0.0
7			2/3/04 @ 1140				0.4' - 1.6' - Fine-medium SAND, trace silt	SP			
8				EOB @	+	+			↓		
				8' bgs					-		
									_		
				=							
METHOD METHOD GROUND	OF ADVAI OF SOIL S OF ROCK WATER LE	NCING BORI (AMPLING: CORING: EVELS:	MACRO-CORE On N/A Approximately 7' bg	oen tube contir	nuous samples		2 foot intervals	lote: Phase II Screening = Asbest Metals		Tetra Tech	E
OTHER O	BSERVAT	IONS:	Phase II FID≃ D	PID= C	Old Flag nu	mber 306	Former Landfill area – golf course (edge by road)	BORING NO.: 710A		PAGE; 1	OF 1

PROJECT LOGGED DRILLED	RORING LOG FOR: PROJECT NO.: OGGED BY: C. Rousseau Aquifer Drillir CRD. SURFACE ELEVATION: BLOWS SAMP DEPTH PER REC TIME				· · · · · · · · · · · · · · · · · · ·		TRANSCRIBED BY:	BORING NO.: START DATE: COMPLETION: DA MON. WELL NO.: CHECKED BY:	ATE: 1/2 ETION: DATE: 1/2 ELL NO.: N			
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION		USCS or ROCK BRKN	REMARI (moisture cor odors; geok classification weathering;	ndition; SCREENIN ogical DATA n; rock <i>METHOD</i>	ING C
1		1.7'	SBP-SO-711-0002 Screening 1/19/04 @ 1618		Loose	Brown	0' - 0.3' -Topsoil, grass, roots, organics 0.3' - 2.0' - Silty sand, fine-medium sand, some coarock fragments, trace organics (roots)	rse sand, trace		Dry-moist No odor No visible waste	в	
2											FID=0.0 PID=0.0	
		1.8' 2.0'	SBP-SO-711-0204 Screening				2.0' - 2.5' - Silty SAND, fine-medium sand, coarse sa 2.5' - 4.0' - Silty SAND, fine-medium sand, some sil (possible), trace gravel, rock fragments			Moist-wet No odor No visible waste	FID=0.0 PID=0.0	
3		-	1/19/04 @ 1625				(possible), trace graver, rock tragitients					
4				EOB @ 4' bgs	▼	V	\		+			
						,						
,												
METHOD	DRILLING F OF ADVAN	CING BORIN	GEOPROBE – 4X4 G: DIRECT- PUSH MACRO-CORE Co		foot – 2 foot sa	ample interva	ls .			Te	etra Tech NUS, Inc.	-
METHOD GROUND	OF ROCK (WATER LE' BSERVATION	ORING: VELS:	N/A Phase I FID (B)		Flag Num			BORING NO.: 711		P.	AGE: 1 OF	1

BORING L	OG FOR:		Raymark OU9 RI/	'F\$				BORING NO.:	712	
PROJECT			N1369					START DATE:	1/20/04	
LOGGED			C. Rousseau/Neb	Dedic			TRANSCRIBED BY: DH	COMPLETION: DATE:	1/20/04	
		ny/Driller):	Aquifer Drilling &			<u> </u>		MON. WELL NO .:	N/A	<u> </u>
	RFACE ELE						ELEVATION FROM:	CHECKED BY:	JL	
				(as possesses a second s	2
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION	USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		1.8'	SBP-SO-712-0002	THOI E	Loose	Brown	0' - 1.8' - Silty SAND, fine-medium sand, some coal gravel	rse sand, trace SM	Dry- moist No odor	FID=0.0 PID=0.0
		2.0'	Screening						Rock fragments	110-0.0
1		2.0	1/20/04 @ 0835							
2							.			
2		1.6'	SBP-SO-712-0204	1		Brown- Black	0' – 0.7' - Silty SAND, fine-medium sand, some coal	rse sand, trace	Moist- wet 8" piece of wood	FID = 622
<u> </u>		2.0	Screening			 	1		Organic odor	FID= 408
3		/ 2.0	1/20/04 @ 0850				↓	₩		PID=0.0
							0.7' – 1.6' - Organic material, 8" piece of wood, poss cardboard	ible piece of Fill		
				1	—	V			1	
4				EOB @			V	· · · · · · · · · · · · · · · · · · ·		
				4' bgs		 			-	
				4		<u> </u>				
	`									
				1						
									4	
				-		<u> </u>				
									_	
						<u> </u>				
TVPE OF	DRILLING F	NG.	GEOPROBE Tra	ck-mounted F	Ria number 1		<u> </u>	<u> </u>	Tetra Tech	MIIQ Inc
1		(IG: CING BORIN		or mounted I	ng namber t			•	retra Tecn	IVUS, INC.
1			MACRO-CORE C	ontinuous to	4 foot / 2 foot is	ntervals		•		
1	OF SOIL SA		N/A	oraliuous IO ·	T 1001 / 2 1001 II	ACI TOIS		•		
	OF ROCK (IV/A					•		
	WATER LE BSERVATI		Phase I FII	D (B) PID (B) Fla	g Number 33	4	BORING NO.: 712	PAGE: 1	OF 1

BORING	LOG FOR:		Raymark OU9 RI/	FS					BORING NO.:		713	
PROJEC	T NO.:		N1369						START DATE:		1/20/04	
LOGGED	BY:		C. Rousseau/Neb				TRANSCRIBED BY:	DH	COMPLETION:	DATE:	1/20/04	
DRILLED	BY (Compa	any/Driller):	Aquifer Drilling &	Testing/D. G	ooley			·	MON. WELL NO	D.:	N/A	
GRD. SU	RFACE ELI	EVATION:					ELEVATION FROM:		CHECKED BY:		JL	
						A series and the seri				2.11121	(6.33)	
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR		MATERIAL CLASSIFICATION		USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock	FIELD SCREENING DATA METHOD =
			SBP-SO-713-0002	FROFE	Loose	Brown	0' – 0.4' -TOPSOIL, organ	ics, grass and roots, silty sel, trace rock fragments	sand, some coarse	SM/Fill	weathering; etc.) Dry-moist	[FID, (PPM)] FID=43.0
		2.0'	Screening		 		0.4' - 2' - Silty SAND, fi	ne-medium sand, some co	parse sand, trace			PID=0.0
1			1/20/04 @ 0905	_	<u> </u>		gravel, trace r	ock fragments				
2								\downarrow]	
	-	· · ·	SBP-SO-713-0204	_	<u> </u>	Dark	0' - 2' - Silty SAND, fine-	medium sand, some coars	se sand, pieces of		Dry-moist	FID=0.0
		1.2'	Screening			Brown	plastic	1			Plastic	PID=0.0
3		/ 2.0	1/20/04 @ 0915									
												"""
4					*	+		<u> </u>		*		
				EOB @ 4' bgs								
			,								1	
		<u> </u>		_		<u> </u>						<u> </u>
	<u> </u>			_								
									·		<u> </u>	
										,		
									- "			
	 									<u></u>	-	
						<u> </u>				l		
TYPE OF	DRILLING I	RIG:	GEOPROBE - Trac	ck-mounted r	ig number 1						Tetra Tec	h NUS, Inc.
		CING BORIN			-				_		70.70	7,130, 1110.
1	OF SOIL S		MACRO-CORE C	ontinuous to 4	foot / 2 foot in	tervals			-			-)
	OF ROCK		N/A						-			T.
	WATER LE								•			
I .	DBSERVATI		Phase I FID	-B PID	– B Flag	Number 333	3		BORING NO.: 7	13	PAGE:	1 OF 1

	NO.: BY:	any/Driller): EVATION:	Raymark OU9 RI. N1369 C. Rousseau/Nel Aquifer Drilling &	b Dedic	iooley		TRANSCRIBED BY: DH C	ORING NO.: TART DATE: COMPLETION: DATE: ION. WELL NO.: CHECKED BY:	714 01/20/04 01/20/04 N/A JL
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION	USCS or ROCK BRKN	REMARKS FIELD (moisture condition; odors; geological classification; rock weathering; etc.) FIELD SCREENING DATA METHOD = [FID, (PPM)]
		1.8' 2.0'	SBP-SO-714-0002 Screening		Loose	Reddish- Brown	0' – 1.3' - Silty SAND, fine-medium sand, some coarse s gravel		Dry FID=0.0 No odors PID=0.0
1			1/20/04 @ 0940						
2	<u> </u>					₩ Black	1.3' – 2' - SAND and GRAVEL, medium-coarse sand, tra	ace fine sand SW	
		1.5'	SBP-SO-714-0204 Screening	1		Reddish- Brown	0' – 0.3' - Silty SAND, fine-medium sand, some coarse s gravel		Dry-moist FID=18.2 Organics PID=0.0
3		2.0	1/20/04 @ 0950			Black	0.3' – 2.0' - Silty SAND, fine-medium sand, some coarse fragments and organics	e sand, wood	
				1					
4				EOB @	*	*	↓	- + 	
				4' bgs		<u> </u>	· · · · · · · · · · · · · · · · · · ·		
				-					
				<u> </u>					
TYPE OF	DRILLING F	RIG:	GEOPROBE - Tra	ck - mounted	Rig number	i i			Tetra Tech NUS, Inc.
		CING BORIN							
	OF SOIL SA		MACRO-CORE C	ontinuous to 4	foot/ 2foot int	ervals			(-8:1)
METHOD	OF ROCK (CORING:	N/A						("G)
1 -	WATER LE								
OTHER O	BSERVATION	ONS:	Phase I FID-E	PID-B	Fla	g Number 321	BO	RING NO.: 714,	PAGE: 1 OF 1

PROJECT NO.: LOGGED BY: DRILLED BY (Company/Driller): GRD. SURFACE ELEVATION:	Raymark OU9 RI/ N1369 C. Rousseau/Neb Aquifer Drilling &	Dedic			BORING NO. START DATE FRANSCRIBED BY: DH COMPLETIO MON. WELL ELEVATION FROM: CHECKED B		D.:	715 1/20/04 1/20/04 N/A JL	
DEPTH PER REC. (FEET) 6" / SAMP 0 N/A LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION		USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
2.0' 2.0'	SBP-SO-715-0002 Screening 1/20/04 @ 1105			Brown	0 – 4" Topsoil, grass and roots 0.3' – 1.7' - Silty SAND, fine-medium sand, some cogravel, trace organics	parse sand, trace	SM/Fill	Dry – moist PACM fibers 0.5-1.0'	FID=0.0 PID=0.0
	1,2004			Grayish	1.7' – 2.0' - Silty SAND, fine-medium sand				
1.3'	SBP-SO-715-0204 Screening			Light- Brown	0' – 1.3' - Silty SAND, fine-medium sand, some coar	se sand		Moist Glass fragments, paper, Metal pieces	FID = 232 FID=78.0
3	1/20/04 @ 1135								PID=0.0
4		EOB @		+	\		+	<u> </u>	
		4' bgs							
		_					\$		
TYPE OF DRILLING RIG: METHOD OF ADVANCING BORII METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: GROUNDWATER LEVELS: OTHER OBSERVATIONS:	MACRO-CORE O		4' / 2' intervals		04	BORING NO.: 7	15.	PAGE: 1	E)

1

BORING I PROJECT LOGGED DRILLED GRD. SUF	NO.: BY: BY (Compa	any/Driller): EVATION:	Raymark OU9 RI/ N1369 C. Rousseau/Neb Aquifer Drilling &	Dedic			TRANSCRIBED BY:DH_	BORING NO.: START DATE: COMPLETION: MON. WELL N CHECKED BY:	0.:	716 1/20/04 1/20/04 N/A JL	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR	MATE CLASSIF		USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
1		2.0'	SBP-SO-716-0002 Screening 1/20/04 @ 1205		Loose	Reddish- Brown	0' - 0.3' -TOPSOIL, grass, roots 0.3' - 1.6' - Silty SAND, fine-mediu gravel / rock fragments		SM/Fill	Dry-moist, glass fragments	FID=135 PID=0.0
						Grayish	1.6' – 2.0' - Coarse SAND, some mo	/ edium sand	SP/Fill		
2		1.0 2.0	SBP-SO-716-0204 Screening	-		Grayish- Brown	0' - 0.2' - Coarse SAND, some med 0.2' - 1.0' - Silty SAND, fine-mediu		SMFill	Moist-wet, metal, wood fragments Organic odor	FID=234 PID=0.0
3			1/20/04 @ 1215	-			organics, wood fragmer			Plastic	
4				EOB @ 4' bgs	↓	↓		,	 		
				-					,		
TYPE OF	DRILLING F	RIG:	GEOPROBE – Trac	ck – mounted	Rig number 1					Tetra Tect	NUS, Inc.
METHOD METHOD METHOD	OF ADVAN OF SOIL SA OF ROCK (WATER LE	CING BORIN AMPLING: CORING: VELS:		ontinuous to 4	1' / 2' intervals	Number 795		BORING NO.: 7	·16	PAGE:	E

PROJECT LOGGED DRILLED	BORING LOG FOR: PROJECT NO.: LOGGED BY: DRILLED BY (Company/Driller): GRD. SURFACE ELEVATION: Raymark OU9 RI/FS N1369 C.Rousseau/Neb Dedic Aquifer Drilling & Testing BLOWS SAMP SAMPLING DEPTH SOIL							DATE: .ETION: DATE: VELL NO.:	717 1/20/04 1/20/04 N/A JL	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION	USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		2.0'	SBP-SO-717-0002 Screening		Loose	Light Brown	0' - 0.2' - TOPSOIL, grass, roots, shell fragments		Dry-moist No odor Shell fragments	FID=0.0 PID=0.0
1		/ 2.0	1/20/04 @1405			Brown	0.2' - 1.0' - Fine-medium SAND, trace sitts, shell fragments	SP/Fill	3.70	
						Orange Brown	1.0' – 1.7' - Silty SAND, fine-medium sand, trace coarse sand	SM/Fill		
2						Dark Brown	1.7' - 2.0' - Silty SAND, fine-medium sand, trace coarse sand			
		1.5'	SBP-SO-717-0204 Screening			Brown	0' – 0.9' - Silty SAND, fine-medium sand, some coarse sand, gravel	trace 🔻	Dry-moist Glass fragments	FID=322 PID=0.0
3		2.0'	1/20/04 @ 1415			Green	0.9' – 1.0' - Lens of green glass	Fill		
						Brown	1.0' – 1.5' - Silty SAND, fine-medium sand, some pieces of pap	per SM/Fill		````
4						•	\			
				EOB @ 4' bgs						
,										
								\$		
TYPE OF I METHOD (METHOD (GROUND) OTHER OI	OF ADVANC OF SOIL SA OF ROCK O WATER LEY	CING BORIN MPLING: ORING: /ELS:	GEOPROBE – Trac G: DIRECT- PUSH MACRO-CORE CO N/A Phase I FID=D	ontinuous to 4		ber 796	BORING N	NO.: 717.	T	NUS, Inc.
	- VEINALIK						BOKING I	10., 111.	PAGE:	1 OF 1

	NO.: BY:	any/Driller): EVATION:	Raymark OU9 RI/ N1369 C.Rousseau/Neb Aquifer Drilling &	Dedic			TRANSCRIBED BY:	BORING NO.: START DATE: COMPLETION: I MON. WELL NO CHECKED BY:		718 1/20/04 1/20/04 N/A JL	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS) SBP-SO-718-0002	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD. Loose	CLR Brown	MATERIAL CLASSIFICATIO 0' - 2' - Medium-coarse SAND, some fine		USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.) Dry-moist	FIELD SCREENING DATA METHOD = [FID, (PPM)] FID=0.0
1		2.0'	Screening 1/20/04 @ 1425	-			gravel, shell fragments			No odor Shell fragments	PID=0.0
2			SBP-SO-718-0204				0 – 0.5' - Medium-coarse SAND, some fine	e sand		Dry-moist	FID=138
3		1.5' 2.0'	Screening 1/20/04 @ 1440	-			0.5' – 1.5' - Silty SAND, fine-medium sand gravel	d, some coarse sand, trace	SM/Fill	Glass fragments Shell fragments	PID=0.0
4			,	EOB @	+	—			V		
				4' bgs							
				 - -							
METHOD METHOD METHOD GROUND	DRILLING F OF ADVANO OF SOIL SA OF ROCK O WATER LEY	CING BORIN AMPLING: CORING: VELS:	GEOPROBE - Trac G: DIRECT- PUSH MACRO-CORE CI N/A Phase I FID=D	ontinuous to 4		her 798		BORING NO 71	R	Tetra Tech	NUS, Inc.

PROJECT LOGGED DRILLED	BORING LOG FOR: PROJECT NO.: .OGGED BY: DRILLED BY (Company/Driller): BRD. SURFACE ELEVATION: BLOWS SAMP		Raymark OU9 RI/ N1369 C. Rousseau/Neb Aquifer Drilling &	Dedic			TRANSCRIBED BY:DH_	MON. WELL N	: DATE: IO.:	719 1/20/04 1/20/04 N/A JL	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR	CLASSIF	ERIAL FICATION	USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		1.7'	SBP-SO-719-0002 Screening		Loose	Light Brown	0' – 1.7' - SAND, medium-coarse material (reeds)	sand, trace fine sand, trace organic	sw	Dry-moist Shell fragments	FID=0.0 PID=0.0
1			1/20/04 @ 1445	_							
2							,				
		1.5'	SBP-SO-719-0204 Screening			—	0' 0.3' - Medium-coarse SAND, tr		V	Dry-moist Organics	FID=464 PID=0.0
3		2.0'	1/20/04 @ 1450			Black	0.3' - 1.5' - Silty SAND, fine-medium organics, wood material		SM		
		:		;							
4					↓	 		7	↓		
				EOB @ 4' bgs							
,		·							<u> </u>		
									,		
			•								
	OF ADVANC OF SOIL SA OF ROCK C	CING BORING MPLING: ORING:	GEOPROBE Trace DIRECT- PUSH MACRO-CORE CO N/A							Tetra Tech	NUS, Inc.
OTHER OF	BSERVATIO	ONS:	Phase I FID=D F	PID=B	Flag Number 79	97		BORING NO.: 7	719	PAGE:	I OF 1 TtNUS Form 0018

PROJECT LOGGED DRILLED	BY:	any/Driller): EVATION: SAMP REC. / SAMP LENG.	Raymark OU9 RI/ N1369 C. Rousseau Aquifer Drilling & SAMPLING TIME & SAMPLE NO. (QA/QC STATUS) SBP-SO-720-0002		SOIL DENSITY/ CONSIS. or ROCK HARD. Loose	CLR	ELEVATION FROM:	ATERIAL SIFICATION	BORING NO.: START DATE: COMPLETION MON. WELL N CHECKED BY:	O.:	720 1/20/04 1/20/04 N/A JL. REMARKS (molsture condition; odors; geological classification; rock weathering; etc.) Dry-moist Unknown fibrous	FIELD SCREENING DATA METHOD = [FID, (PPM)] FID=0.0
1		2.0'	Screening 1/20/04 @ 1540	_		Gray	0.7' – 1.3' - Silty SAND, fine-me			SM	- material	PID=0.0
2			SBP-SO-720-0204			Dark Brown/Black Dark	1.3' – 2' - Silty SAND, fine-me organics 0' – 0.9' - Silty SAND, fine-me organics (wood fraging)	dium sand, some c			Dry-moist	FID=190
3		2.0'	Screening 1/20/04 @ 1550			Brown	0.9' – 1.9' – Medium-coarse SA	\	id, trace silt, trace		Organics, wood, rock fragments	PID=2.6
4					—	+	organics	+		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		
				EOB @							-	
										,		
METHOD METHOD METHOD GROUND	DRILLING F OF ADVAN OF SOIL SA OF ROCK O WATER LE BSERVATION	CING BORIN AMPLING: CORING: VELS:	MACRO-CORE N/A	Continuous to	rig number 1 4' / 2' interval Flag number 7	99			BORING NO.:	720 ,	Tetra Teci	n NUS, Inc.

BORING L PROJECT LOGGED DRILLED GRD. SUF	NO.: BY: BY (Compa	any/Driller): EVATION:	Raymark OU9 RI/ N1369 C. Rousseau/Neb Aquifer Drilling &	Dedic			TRANSCRIBED BY:DH	BORING NO.: START DATE: COMPLETION: MON. WELL NO CHECKED BY:		721 01/21/04 01/21/04 N/A JL	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION		USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		2.0'	SBP-S0-721-0002 Screening		Loose	Brown	0'-1.1'- Silty SAND, fine-medium sand, some coal organic (grass)	rse sand, trace	SM/Fill	Dry-moist No odor Wood fragments	FID=2.7 PID=0.8
1		: 	1/21/04 @ 0910				1.1' – 1.9' - Fine-medium SAND, some silt, trace coa	rse sand			
2							1.9' – 2.0' - Wood fragments, dark brown	_	Fill		
		1.0'	SBP-SO-721-0204 Screening			Brown Grayish	0' – 0.3' - Fine-medium SAND, some silt, trace coars 0.3' – 0.75' - Fine-medium SAND, some silt, trace co		SM/Fill	Dry-moist No oder Wood fragments	FID=778 PID=12.8
3			1/21/04 @ 0935	_							
4					+	Dark Brown	0.75' 1.0' - Wood fragments		Fill		
				EOB @ 4' bgs							
						_				<u> </u>	
								<u>.</u>			
,						"					
									*		
TYPE OF I METHOD (METHOD (METHOD (GROUND) OTHER O	OF ADVANO OF SOIL SA OF ROCK O VATER LEV	CING BORING MPLING; CORING: /ELS:	MACRO-CORE Co N/A			pling mber 801		BORING NO.: 72	21 ,	Tetra Tech	NUS, Inc. OF 1

	NO.: BY:	any/Driller): EVATION:	Raymark OU9 R N1369 C. Rousseau/Ne Aquifer Drilling 8	b Dedic			TRANSCRIBED BY:DH	BORING NO.: START DATE: COMPLETION MON. WELL N CHECKED BY	0.:	722 1/21/04 1/21/04 N/A JL	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR		ERIAL ICATION	USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
1		2.0'	SBP-SO-722-0002 Screening 1/21/04 @ 0955		Loose	Brown	0' - 0.7' - TOPSOIL, grass, roots 0.7' - 2.0' - Sandy SILT, fine-medi silt trace gravel	um sand, some coarse sand, trace	SM/Fill	Dry-moist No odor Dry	FID=0.0 PID=0.0
2		2.0'	SBP-SO-722-0204 Screening			Light Brown	2.0' – 2.8' - Sandy SILT, fine-medi silt	um sand, some coarse sand, trace		Moist No odor 2.0'-2.8' Shell	FID=793 PID=102
3			1/21/04 @ 1005	-		Dark Brown/Black	2.8' – 4.0' - Silty SAND, fine-mediu trace coarse sand, PA	m sand, mostly fine sand and silts, CM observed, fibrous material		Moist, slight odor 2.8' – PACM	
4				EOB @ 4 bgs	↓	+	,		↓		
				_							
,				_							
									*		
TYPE OF	DRILLING I	RIG:	GEOPROBE – 4X	(4 Mule						Tetra Tech	NUS, Inc.
METHOD METHOD	OF ADVAN OF SOIL S OF ROCK (WATER LE	CORING:	MACRO-CORE N/A						ng material	T	E)
OTHER C	BSERVATI	ONS:	Phase I FI	D=C PID=	C Fla	ag Number 800		BORING NO.:	722	PAGE: 1	OF 1

PROJECT LOGGED DRILLED	BY:	any/Driller): EVATION:	Raymark OU9 F N1369 C. Rousseau/N Aquifer Drilling	eb Dedic	-			TRANSCRIBED BY:DH	BORING NO.: START DATE: COMPLETION: DA MON. WELL NO.: CHECKED BY:	TE:	1 1 N	723 /21/04 /21/04 N/A L	
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD	CLI	R	MATERI CLASSIFICA		USCS ROC BRK	κ	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		2.0'	SBP-SO-723-0002 Screening		Medium Dense	Re	d	0.0' – 0.9' - Silty SAND, fine-medium sa gravel	nd, trace coarse sand, trace	SM/F	ill	Dry	FID=21.0 PID=1.4
1			1/21/04 @ 1020			Dark Bi		0.9' – 2.0' - Silty SAND, fine-medium sar gravel, PACM, fibrous mater	nd, trace coarse sand, trace rial (chunks difficult to break apart)	-		PACM noted at 0.9'- 2.0' dark material	
2		1.5'	SBP-SO-723-0204 Screening			Redd	lish	2.0' – 2.2' - Same material as noted at 0.	0 -0.9' FID=44.3		+	Shell fragments Dry-moist No odor	FID=44.3 FID=37.9
3		2.0'	1/21/04 @ 1030			Dark Bi Gra		2.2' – 4.0' - Silty SAND, fine-medium sar FID=37.9	nd, trace coarse sand, moist,				PID=0.0
4				EOB @	+	1		•		\	-		
				4' bgs									
											_		
METHOD METHOD METHOD	DRILLING F OF ADVANO OF SOIL SA OF ROCK O WATER LEV	CING BORIN MPLING: CORING:	GEOPROBE – 4: DIRECT- PUSH MACRO-CORE N/A		o 4' / 2' sample	e interval			Note: PACM = Potential asl			Tetra Tech	NUS, Inc.
OTHER O	BSERVATIO	ONS:	Phase I	FID=C	PID= C		Flag N	umber 803	BORING NO.: 723			PAGE: 1	OF 1

BORING I PROJECT LOGGED DRILLED GRD. SUI	NO.: BY:	any/Driller): EVATION:	Raymark OU9 Rl/ N1369 C. Rousseau/Neb Aquifer Drilling &	Dedic			TRANSCRIBED BY:	BORING NO.: START DATE: COMPLETION: DATE: MON. WELL NO.: CHECKED BY:	724 1/21/0 : 1/21/0 N/A JL		
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION	USC or ROC BRK	K (mois	EMARKS ture condition; s; geological ification; rock thering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
1		1.9'	SBP-SO-724-0002 Screening 1/21/04 @ 1045		Medium Dense	Red	0.0' – 1.9' - Silty SAND, fine-medium sand, some gravel	e coarse sand, trace SM/F	No odor		FID=25.0 PID=0.0
2											
3		1.4' 2.0'	SBP-SO-724-0204 Screening 1/21/04 @1050				2.0' – 2.3' - Same material as noted at 0.0' – 1.9'		Dry-moi	st 2.0'-2,3'	FID=720 PID=5.3
4						Dark Brown - Greenish	2.3' – 3.4' - Fine-medium SAND, some coarse some trace silt, pieces of wire, pieces of ru	and, trace gravel, bber SW/F		st 2.3' – 3.4' wire, rubber	
4				EOB @ 4' bgs							
					:						
								8			
											<u> </u>
METHOD METHOD METHOD	TYPE OF DRILLING RIG: GEOP METHOD OF ADVANCING BORING: DIRECT METHOD OF SOIL SAMPLING: MACR METHOD OF ROCK CORING: N/A GROUNDWATER LEVELS:				' / 2' sample in	terval		Note: PACM = Potential asbest containing mate		Tetra Tech	NUS, Inc.
	BSERVATI		Phase i FID=	C PID)= C	Flag Numb	er 802	BORING NO.: 724		PAGE: 1	OF 1

BORING LOG FOR: PROJECT NO.: LOGGED BY: DRILLED BY (Company/Driller): GRD. SURFACE ELEVATION: DEPTH BLOWS SAMP REC. / SAMP 0 N/A LENG.			Raymark OU9 RI/ N1369 C. Rousseau/Neb Aquifer Drilling & SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	Dedic	DENSITY/ CONSIS. or ROCK HARD.	CLR	TRANSCRIBED BY: ELEVATION FROM: MATERIAL CLASSIFICATION	BORING NO.: START DATE: COMPLETION: MON. WELL NO CHECKED BY:	US RO	E: CS or OCK	(mois odoi class	EMARKS ture condition; s; geological ification: rock	FIELD SCREENING DATA METHOD =
			SBP-SO-725-0002	FROIL	Loose-	Black-Red	0.0' 1.0' - Silty SAND, fine-medium sand, some s	silt, trace coarse	SM	/Fill	Dry-moi	thering; etc.)	[FID, (PPM)] FID=0.0
		2.0'	Screening		Medium		sand	,	'	1	No odor		PID=0.0
		2.0'			Dense								
1	<u></u>	· · · · ·	1/21/04 @ 1105		Loose	Grayish	1.0' - 2.0' - Fine-medium SAND, trace coarse sand				-	<u> </u>	
2	:												
		0.01	SBP-SO-725-0204			Grayish/ Red	2.0' - 2.5' - Same material as noted at 1.0' - 2.0'				Dry-moi		
		2.0'	*CONFIRMATORY*			Black	2.5' – 3.5' - Silty SAND, fine-medium sand, trace of	come pand	-			noted from 2.5' -	
3		/ 2.0	1/21/04 @ 1115			Biack	PACM - fibrous	oarse sano,			3.5'		
													FID=930
							3.5' – 4.0' - Silty SAND, fine-medium sand, some of	coarse sand, trace					PID=0.0
4						<u></u>	gravel, no visible waste material						
				EOB @ 4' bgs									
					<u> </u>								
									_			<u> </u>	
				1 1					-				
1	-												
										,			•"
					-	\		-					
						<u></u>							
TYPE OF	DRILLING R	SIG.	GEOPROBE 4X4	Mule	***************************************							Total Test	AU/O lea
		CING BORIN						- Note:				Tetra Tech	NUS, INC.
	OF SOIL SA		MACRO-CORE Co	ntinuous to 4	1/2' sample int	erval		PACM = Potential	l asbe	stos			
METHOD	OF ROCK C	ORING:	N/A					containin					
GROUND	WATER LEV	VELS:						•			j		
OTHER O	BSERVATIO	ONS:	Phase I	FID≃ C	PID= C	Flag Nur	mber 804	BORING NO.: 7	' 25 .			PAGE: 1	OF 1

PROJECT LOGGED DRILLED	BORING LOG FOR: PROJECT NO.: .OGGED BY: DRILLED BY (Company/Driller): GRD. SURFACE ELEVATION: BLOWS SAMP		Raymark OU9 RI/ N1369 C. Rousseau/Neb Aquifer Drilling &	Dedic			TRANSCRIBED BY:DH	BORING NO.: START DATE: COMPLETION: MON. WELL NO CHECKED BY:	D.:	726 1/21/04 1/21/04 N/A JL	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION		USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		2.0'	SBP-SO-726-0002 Screening		Loose	Brown/ Red	0.0' - 0.2' - Snow, organics 0.2' - 0.5' - TOPSOIL, grass, roots, organic 0.5' - 1.2' - Silty SAND, fine-medium sand, trace co	parse sand, trace	SM/Fill	Dry-moist No odor Organics	FID=0.8 PID=0.0
1			1/21/04 @ 1400			Gray	organics (roots) 1.2' – 2.0' - Fine-medium SAND, trace silts		SP/Fill		
2			SBP-SO-726-0204	-		Dark					
3		2.0'	Screening 1/21/04 @ 1415			Brown/ Black	2.2' – 3.7' - SAND and GRAVEL with silt, medium-c fine sand, trace gravel, trace organics (i		SW/Fill	Dry- moist	FID=160 PID=0.0
							3.7' – 4.0' – PAPER material, silty SAND		SM/Fill	Slight odor Organics (roots) Paper material	
4				EOB @ 4' bgs	+	₩	3.7 - 4.0 - FAFEIX III aleria, sity oano		3W/FIII		
				-	-				\$		
METHOD METHOD METHOD GROUND	DRILLING I OF ADVAN OF SOIL S OF ROCK (WATER LE BSERVATI	ICING BORIN AMPLING: CORING: VELS:	MACRO-CORE CO	ontinuous to 4'	' / 2' sample int	erval Flag Numb	er 805	BORING NO.: 7	26	Tetra Tech	E

PAGE:

BORING LOG FOR: PROJECT NO.: LOGGED BY: DRILLED BY (Company/Driller): GRD. SURFACE ELEVATION: BLOWS SAMP		Raymark OU9 Rt/ N1369 C. Rousseau/Neb Aquifer Drilling &	Dedic			TRANSCRIBED BY: DH	BORING NO.: START DATE: COMPLETION: DATE: MON. WELL NO.: CHECKED BY:	727 1/21/04 1/21/04 N/A JL		
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION	USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		2.0'	SBP-SO-727-0002 Screening		Loose	Brown	0.0' - 0.4' - TOPSOIL, grass, roots 0.4' - 1.4' - Silty SAND, fine-medium sand, some coars	e sand SM	Dry No odor No visible waste	FID=0.0 PID=0.0
1		/ 2.0	1/21/04 @ 1425				0.4 - 1.4 - Sity SAND, Illie-Illiadium saitu, some coals	e sand		
							\			
2						*	1.4' – 2.0' - Medium-coarse SAND, some fine sand, tra trace silt	ce gravel, SW		
		1.7'	SBP-SO-727-0204 Screening			Light Brown/ Grayish	2.0' – 2.9' - Medium–coarse SAND, some fine sand, tra silts	ice gravel trace	Dry-moist No odor No visible waste	FID=13.0 PID=0.0
3		2.0'	1/21/04 @ 1430			O.Ly.o.	\	↓	110 Visible Waste	
						Black	2.9' – 3.7' - ORGANICS, silty SAND, fine-medium sand	, some silt SM		
4			:		—	+		—		
				EOB @ 4' bgs						
-		 								
				:						
,							-			
								\$		
			-							
TYPE OF	DRILLING I	IRIG:	GEOPROBE – 4X4	Mule		<u> </u>		<u> </u>	Tetra Tech	NUS Inc
1		CING BORIN							70 1007	
1			MACRO-CORE Co	ontinuous to 4	' / 2' sample int	erval				■)
METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: MACRO-CORE Continuous to 4' / 2' sample interv										
1	WATER LE									
l .	BSERVATI		Phase I	FID= C	PID= C	Flag Nui	mber 806 B	ORING NO.: 727	PAGE:	OF 1

BORING L PROJECT			Raymark OU9 RI/ N1369	FS				BORING NO.: START DATE:		1/21/04	
LOGGED			C. Rousseau/Neb	Dedic			TRANSCRIBED BY: DH	COMPLETION	: DATE:	1/21/04	
DRILLED!	BY (Compa	any/Driller):	Aquifer Drilling &	Testing				MON, WELL N		N/A	
GRD. SUF	RFACE ELE	EVATION:					ELEVATION FROM:	CHECKED BY:	:	JL	
DEPTH (FEET)	BLOWS PER 6"	SAMP REC.	SAMPLING TIME &	DEPTH MAT'L	SOIL DENSITY/ CONSIS.		MATE CLASSIFI		USCS or	REMARKS (moisture condition; odors; geological	FIELD SCREENING
0	N/A	SAMP LENG.	SAMPLE NO. (QA/QC STATUS)	CHG./ WELL PROF'L	or ROCK HARD.	CLR	0.0' - 0.3' - Snow pack		ROCK BRKN	classification; rock weathering; etc.)	DATA METHOD = [FID, (PPM)]
		2.0'	SBP-SO-728-0002 Screening		Loose	Brown	0.3' – 1.4' - Silty SAND, fine-medi trace organics (roots),		SM	Dry No odor No visible waste	FID=0.0 PID=0.0
1	. "	2.0'	1/21/04 @ 1440		₩ .		4.4 O.S. Cit. CAND See madi	7			
					Medium Dense	₩	1.4' – 2.0' - Silty SAND, fine-mediu	ım sand, trace coarse sand			
2					<u> </u>	Dark Brow		<u>, </u>			
		1.5' 2.0'	SBP-SO-728-0204 Screening		Loose	Light Brow Grayish				Dry-moist No odor No visible waste	
3		/ 2.0'	1/21/04 @ 1450			Black	2.6' 3.5' - Silty SAND, fine-medi organics	um sand, trace coarse sand,		·	<u> </u>
						-					FID=375 PID=0.0
4					<u> </u>	↓		7	 		
				EOB @ 4' bgs					<u>.</u>		
		:									
									,		
				1							
							•		·		
1	DRILLING I		GEOPROBE – 4X4	Mule						Tetra Tec	h NUS, Inc.
1		CING BORIN	MACRO-CORE CO	ontinuous to 4	l' / 2' sample in	nterval					
	OF SOIL SA		N/A	VI (01 10 00 00 40 40 40 40 40 40 40 40 40 40 40	. , a dampio ii						ti
	WATER LE		1477					<u>.</u>			<u>ー</u>
	BSERVATI		Phase I	FID=C F	PID= C	Flag Number	807	BORING NO.:	728.	PAGE:	1 OF 1

BORING LOG FOR: PROJECT NO.: LOGGED BY: DRILLED BY (Company/Driller): GRD. SURFACE ELEVATION:			Raymark OU9 Rt. N1369 C. Rousseau/Neb Aquifer Drilling &	Dedic			TRANSCRIBED BY: DH COM MON	NG NO.: RT DATE: PLETION: DATE: . WELL NO.: CKED BY:	729 1/21/04 1/21/04 N/A JL	
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY CONSIS. or ROCK HARD.		MATERIAL CLASSIFICATION	USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
1		2.0'	SBP-SO-729-0002 Screening 1/21/04 @ 1500		Loose	Brown Light Brown	0.0' – 0.6' - TOPSOIL, grass, roots 0.6' – 2.0' - Medium-coarse SAND, some gravel, trace fine sa	nd SW	Dry No odor No visible waste	FID=90 PID=0.0
2									-	
3		1.6'	SBP-SO-729-0204 Screening 1/21/04 @ 1508			+	2.0' – 2.5' - Medium-coarse SAND, some gravel, trace fine sa 2.5' – 2.6' - Rock fragment	nd	Dry-moist No odor No visible waste	FID=620 PID=0.0
			name t of 1000	-		Grayish	2.6' – 3.6' - Medium-coarse SAND, some fine sand, trace silt	sw		
4				EOB @ 4' bgs						
,								8		
									_	
METHOD METHOD METHOD GROUND	DRILLING F OF ADVAN OF SOIL SA OF ROCK O WATER LE	CING BORIN AMPLING: CORING: VELS:	GEOPROBE - 4XA IG: DIRECT- PUSH MACRO-CORE C N/A Phase FID=	ontinuous to 4		interval	8 BORIN	G NO.: 729.		1 OF 1

BORING LOG FOR: PROJECT NO.: LOGGED BY: DRILLED BY (Company/Driller): GRD. SURFACE ELEVATION: BLOWS SAMP		Raymark OU9 RI/ N1369 C. Rousseau/Neb Aquifer Drilling &	Dedic			TRANSCRIBED BY:DH	BORING NO.: START DATE: COMPLETION: MON. WELL NO CHECKED BY:		730 1/21/04 1/21/04 N/A JL		
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION		USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		2.0'	SBP-SO-730-0002 Screening		Medium Dense	Brown	0.0 – 0.4' - TOPSOIL, grass, roots 0.4' – 1.3' - Silty SAND, fine-medium sand, trace c	name eand trace	SM	Dry-moist No odor No visible waste	FID=0.0 PID=0.0
1		/ 2.0	1/21/04 @ 1520		Loose	Light	organics (roots) 1.3' – 2.0' - Silty SAND, fine-medium sand, some of	·			
						Brown	gravel, trace organics (roots)		V		
2		1.8'	SBP-SO-730-0204 Screening and			Brown	2.0' – 2.4' - Coarse sand, some medium sand, trac organics (roots)	ce fine sand, trace	sw	Dry-moist No odor	FID=0.0 PID=0.0
3		2.0'	Confirmation 1/21/04 @ 1525	_			<u> </u>		+	No visible waste	
							2.4' - 3.8' - Silty SAND, fine-medium sand, trace co	parse sand	SM		
4				EOB @	▼	•	 		↓		
:				4' bgs							
-										,	
											-
, ,											
				-					,		
1	DRILLING F		GEOPROBE – 4X4	Mule				-	L	Tetra Tecl	NUS, Inc.
METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: MACRO-CORE Continuous to 4' / 2' sample inte					' / 2' sample into	erval		- -			E
	WATER LE BSERVATI		Phase I FID:	= C PID=	= C	Flag Numbe	er 809	BORING NO.: 7	30	PAGE:	OF 1

PROJECT LOGGED DRILLED	PROJECT NO.: OGGED BY: ORILLED BY (Company/Driller): ORD. SURFACE ELEVATION:		Raymark OU9 RI/ N1369 C. Rousseau/Neb Aquifer Drilling &	Dedic			BORING NO START DA' TRANSCRIBED BY: DH COMPLETI MON. WEL ELEVATION FROM: CHECKED	TE: ON: DATE; L NO.:	731 1/21/04 1/21/04 N/A JL	
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION	USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		2.0'	SBP-SO-731-0002 Screening		Loose	Brown	0.0 – 0.5' - Topsoil, grass, roots, silty sand 0.5' – 0.7' - ROCK fragments 0.7' – 1.2' - Silty SAND, fine-medium sand, some coarse sand	SM SM	Dry-moist, No odor No visible waste, numerous rock fragments and coarse	FID=0.0 PID=0.0
1			1/21/04 @ 1540	_		Brown/ Grayish	1.2' – 2.0' - SAND and GRAVEL, medium-coarse sand, some grave rock fragments	I, SP	gravel	
2		1.8'	SBP-SO-731-0204				2.0'- 2.7' - Medium-coarse SAND, some gravel, rock fragments	+		FID=0.0 PID=0.0
3	2.0		Screening 1/21/01 @ 1550	-		Brown	2.7' - 3.0' - ROCK fragment, coarse gravel 3.0' - 3.8' - Sandy SILT, medium-coarse sand, some fine sand, trace	GP e SM	Dry-moist, No odor No visible waste,	
4					+	—	silt, trace gravel	+	numerous rock fragments	
				EOB @ 4' bgs						
				-						
				-						
								,		
									<u> </u> 	
METHOD METHOD METHOD	DRILLING OF ADVAN OF SOIL S OF ROCK	ICING BORIN AMPLING: CORING:	GEOPROBE – 4X4 IG: DIRECT- PUSH MACRO-CORE CON/A		l' / 2' sample int	terval			Tetra Tec	h NUS, Inc.

Phase I FID= C

OTHER OBSERVATIONS:

PID= C

Flag Number 811

PAGE: 1 OF 1

BORING NO.: 731

PROJECT NO.: Raymark OU9 RI/ PROJECT NO.: N1369 LOGGED BY: C. Rousseau/Neb									BORING NO.: START DATE:		732 1/19/04	· · · · · ·
		·	C. Rousseau/Nel				TRANSCRIBED BY:	DH	COMPLETION: DA		1/19/04	
DRILLED	BY (Comp	any/Driller):	Aquifer Drilling &	Testing/D. G	Gooley				MON. WELL NO .:		N/A	
GRD. SUF	KFACE ELI	EVATION:					ELEVATION FROM:		CHECKED BY:		JL	
	BLOWS	SAMP	SAMPLING	DEDTU	100		-					
DEPTH (FEET)	PER 6" N/A	REC. / SAMP LENG.	TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR		MATERIAL CLASSIFICATION		USCS o ROCK BRKN	r (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
	•	1.8'	SBP-SO-732-0002	1	Medium Dense	Red/ Brown	0.0' - 0.4' - Topsoil, grass 0.4' - 1.8' - Silty SAND, fir		arse sand trace gravel	SM	Dry-moist No odor	FID=0.0
1		2,0'	Screening 1/19/04 @ 1505						area darra, made graver		No visible waste	PID=0.0
			1713/04 @ 1303	1							<u> </u>	-
						-					4	
2			ODD 00	1		+		<u> </u>			L	
		1.6'	SBP-SO-732-0204 Screening		Loose	Greenish	2.0' – 2.7' - Fine-medium gravel	SAND, some coarse sand,	rock fragments, trace	sw	Dry-moist No odor	FID=0.0 PID=0.0
3		2.0'	1/19/04 @ 1515			Brown- Dark Brown	2.7' - 3.1' - Silty SAND, fir	ne-medium sand, trace grav	vel	SM	 No visible waste fabric material 	1 15-0,0
		,		1 1		Grayish- Black	3.1' - 3.4' - Organics, root sand	s, fine-medium SAND, trac	e gravel, some coarse	SW/Fill		
											-	
4				EOB @	<u> </u>	*		+		<u></u>		
	-			4' bgs								
			•									
											-	
				1		<u> </u>					<u> </u>	
4					<u> </u>						-	
				-						<u>, </u>		
TYPE OF I	RILLING R	IG:	GEOPROBE – 4X4	Mule			<u> </u>					
		CING BORING						· · · · · · · · · · · · · · · · · · ·	-		Tetra Tech	NUS, Inc.
METHOD (MACRO-CORE Co	ontinuous to 4'	/ 2' sample ir	nterval			-			
METHOD (N/A						_			
GROUNDV												ン
OTHER OF	SERVATIO	NS:	FID=B PID:	= B		Flag number	793		BORING NO.: 732		BACE: 1	OF 4

BORING L	OG FOR:		Raymark OU9 R	I/FS					BORING NO .:		733		
PROJECT	ROJECT NO.: N1369								START DATE:		1/22/04		
LOGGED I			C. Rousseau/Ne	b Dedic			TRANSCRIBED BY:	DH	COMPLETION:	DATE:	1/22/04		
		any/Driller):	Aquifer Drilling 8		Goolev				MON. WELL N		N/A		
GRD. SUR							ELEVATION FROM:		CHECKED BY:		JL		
Q(1). OO(OFFICIAL DET.				
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP	SAMPLING TIME & SAMPLE NO.	DEPTH MAT'L CHG./ WELL	DENSITY/ CONSIS. or ROCK	CLR		MATERIAL LASSIFICATION		USCS or ROCK BRKN	(moistu odors	MARKS re condition; ; geological ication; rock	FIELD SCREENING DATA METHOD =
0	N/A	LENG.	(QA/QC STATUS)	PROF'L	HARD.						weath	ering; etc.)	[FID, (PPM)]
		2.0'	SBP-SO-733-0002		Loose	Red I	0' - 2.0' - Silty SAND, fin gravel, dry-mo	e-medium sand, some st	coarse sand, trace	SM	Dry-moist No odor		FID=88.0 PID=0.0
1		2.0'	Screening 1/22/04 @ 0820								No visible	e waste	
				1	7 3					 -			FID=415
				I.									PID=0.0
-										 		t, no odor, no	1.5-0.0
2				11		l/		+			visible wa	iste	
		2.0'	SBP-SO-733-0204	1		+	2.0' - 2.4' - Same material	as noted from 0' - 2.0'					
		2.0'	Screening			Black	2.5' - 3.0' - Silty SAND, fin	e medium sand some	eilt FID=415 nom	SM/Fill			
3		/ 2,0	1/22/04 @ 0825			DidCR	PACM noted, f	ibrous material		SWITH	2.5' - 3.0' FID=418	PACM noted ppm	
	•					Dark Brown/ Black	3.0' - 4.0' - Silty SAND, fin organics (root		coarse sand, trace	SM			
4	_				_ •					+			
				EOB @ 4' bgs									
					-								
				-		-				ļ			
				4		-							
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				1						>			
								· · · · · · · · · · · · · · · · · · ·		<u> </u>			
TYPE OF	TYPE OF DRILLING RIG: GEOPROBE – 4X4 Mule						 				T	Tetra Tech	NIIIO Inc
	METHOD OF ADVANCING BORING: DIRECT- PUSH								Note:		į	ieua iech	INUS, INC.
	METHOD OF SOIL SAMPLING: MACRO-CORE Continuous to 4' / 2' sample interv				interval			PACM= Potentia	I Ashestos			•)	
1			N/A							ng Material			
	METHOD OF ROCK CORING: N/A GROUNDWATER LEVELS:												ン・
OTHER O			FID≃ C PII	D= C		Flag number	810		BORING NO.: 7	33		PAGE: 1	OF 1

BORING L	OG FOR:		Raymark OU9 R	I/FS				BORING NO .:		734	
PROJECT	NO.:		N1369					START DATE:		1/22/04	
LOGGED	BY:		C. Rousseau/Ne	b Dedic			TRANSCRIBED BY: DH	COMPLETION:	DATE:	1/22/04	
DRILLED	BY (Compa	any/Driller):	Aquifer Drilling &					MON. WELL NO		N/A	
GRD. SUF				•			ELEVATION FROM:	CHECKED BY:		JL	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL	SOIL DENSITY/ CONSIS. or ROCK	CLR	MATERIAL CLASSIFICATION		USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock	FIELD SCREENING DATA METHOD =
	IWA	LLNO.	<u> </u>	PROF'L	HARD.	- Bod	Surface = Asphalt			weathering; etc.)	[FID, (PPM)]
		1.8'	SBP-SO-734-0002 Screening		Loose	Red	0' - 1.2' - Silty SAND, fine-medium sand, trace silt	e coarse sand, some	SM	Dry-moist, No odor, Metal pieces 1.2'-1.8'	FID=120 PID=0.0
1		2.0'	1/22/04 @ 0843							Metal pieces 1,2-1,8	
						Brown	1.2' – 1.8' - Fine-medium SAND, some coarse s metal pieces	sand, trace silts,			
2											
		1.5'	SBP-SO-734-0204			Red	2.0' - 2.4' - Sluff material from 0-2.0' interval				
		2.0'	Screening								
3		·	1/22/04 @ 0850						↓		
						Dark Brown- Black	2.4' - 3.5' - Silty SAND, fine-medium sand, som gravel, plastic and paper material, I		SM/Fill	Dry-moist, no odor Piece of plastic	FID=428 PID=0.0
4		:			+					Paper material	
				EOB @ 4' bgs							
								· · · · · · · · · · · · · · · · · · ·			
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			· · · · · · · · · · · · · · · · · · ·	-							
									-		
				1							<u> </u>
TYPE OF	DRILLING F	NG.	GEOPROBE - 4X	4 Mule				<u> </u>		7-4 7	6 MUO 1
ı		CING BORIN				•				letra lec	h NUS, Inc.
	OF SOIL SA		MACRO-CORE C	Continuous to 4	' / 2' sample in	nterval					~ `)
1	OF ROCK O		N/A			 					T
	NATER LE					- · · · · · · · · · · · ·		_			
1	BSERVATION		FID=C PIL)= C	F	lag number 36	1	BORING NO.: 7	734	PAGE:	1 OF 1

BORING L	.OG FOR:		Raymark OU9 R	I/FS					BORING NO .:		735	
PROJECT	NO.:		N1369						START DATE:		1/22/04	
LOGGED	BY:		C. Rousseau/Ne					TRANSCRIBED BY:DH	COMPLETION	: DATE:	1/22/04	
		any/Driller):	Aquifer Drilling &	Testing					MON. WELL N	O.:	N/A	
GRD. SUF	RFACE ELE	EVATION:						ELEVATION FROM:	CHECKED BY		JL	
	BLOWS	SAMP	SAMPLING		-					_	,	
DEPTH	PER	REC.	TIME	DEPTH MAT'L	DENS			MATERIAL		uscs	REMARKS	FIELD
(FEET)	6"	1	&	CHG./	CONS			CLASSIFICATION		OF	(moisture condition; odors; geological	SCREENING DATA
		SAMP	SAMPLE NO.	WELL	or RC		CLR	02,000,707,11011		ROCK	classification; rock	METHOD =
0	N/A	LENG.	(QA/QC STATUS)	PROF'L	HAR	D.				BRKN	weathering; etc.)	[FID, (PPM)]
			SBP-SO-735-0002	4		- 1		0' - 0.3' - Snow packed				FID=0.0
		1.8'	Screening		Loos	se		0.3' - 0.9' - Gravel, rock fragments		GP	Dry No odor	PID=0.0
		2.0'	Ocicenny	1	F 1	- 1					No visible waste	
1			1/22/01 @ 0945	J.							THE HOLDIC WAGE	
	-			1			Red	0.9' - 1.8' - Silty SAND, fine- medium sand, sor	ne coarse sand, trace	SM		
				1				gravel				
				1 1								
2				1								
			SBP-SO-735-0204	1 1			Red	2.0' - 2.8' - Same material as noted at 0.9'-1.8'				FID=228
1		2.0'				- 1				🗡	Dry-moist, possible	PID=0.0
		2.0'	*Duplicate Sample*				Black	2.8' - 3.6' - Silty SAND, fine-medium sand, som	ne coarse sand trace	SM/Fill	asphalt at 2.8'-3.6'	110-0.0
3		. 2.0	1/22/04 @ 0950	4		- 1	Dipon	organics, possible asphalt	ie coarse sand, dage)		1
				-							Climbé a din	
				1						↓	Slight odor	1
					-	-	Oneviahi	COL 4 OL Fire was Fire OAND to a Street				
					l l		Grayish/ Green	3.6' - 4.0' - Fine-medium SAND, trace silt, trace	organics	SM		1
4						-	0,000					
				EOB @		- 1						
				4' bgs				First attempt 0.2' interval 0.0' recovery				1
						- 1						
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TYPE OF	TYPE OF DRILLING RIG: GEOPROBE – 4X4 Mule										Tetra Tec	h NUS, Inc.
METHOD	OF ADVAN	CING BORIN	G: DIRECT- PUSH									
METHOD	IETHOD OF SOIL SAMPLING: MAC			Continuous to 4	' / 2' sam	ple inter	val					3 L)
METHOD	METHOD OF ROCK CORING: N/A											T I
GROUND	GROUNDWATER LEVELS:											シ
OTHER O	BSERVATIO	ONS:	FID=C PID)= C		Flag	number 8	31	BORING NO.:	735,	PAGE:	1 OF 1

PROJECT LOGGED DRILLED	BORING LOG FOR: PROJECT NO.: OGGED BY: ORILLED BY (Company/Driller): GRD. SURFACE ELEVATION: BLOWS SAMP		Raymark OU9 RI. N1369 C. Rousseau/Net Aquifer Drilling &	Dedic	ooley		TRANSCRIBED BY: _ ELEVATION FROM: _		BORING NO.: START DATE: COMPLETION: I MON. WELL NO CHECKED BY:		736 1/22/04 1/22/04 N/A JL	
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR		MATERIAL CLASSIFICATION		USCS or ROCK BRKN	(moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
1		2.0'	SBP-SO-736-0002 Screening 1/22/04 @ 1013		Loose	Brown	0' - 0.9' - Organic mate medium sand	erial, roots, mulch materia	al, silty SAND, fine-	SM	Dry No odor No visible waste	FID=0.0 PID=0.0
_						Reddish/ Brown	0.9' - 2.0' - SAND with s some silt, tra	ilt and gravel, fine-mediur ce organics	m sand, some gravel,			
2		1.9' 2.0'	SBP-SO-736-0204 Screening			Reddish/ Brown Dark Brown/	2.0' - 2.6' - Same materi		coarse cond trace	SM/Fill	Dry-moist, no odor piece of plastic, paper	
3			1/22/04 @ 1022			Gray	gravel	me-medium sand, some	coarse sand, trace	SWIFIII	material, piece of metal	FID=172 PID=6,3
4				EOB @	+	—				—		0.0
				4' bgs								
:	-											
•												
										\		
TYPE OF I	ORILLING R	IG:	GEOPROBE – 4X4	Mule							T-tv- T-tv	A#40 /
METHOD (METHOD (CING BORING MPLING: ORING:	G: DIRECT- PUSH MACRO-CORE Co	ntinuous to 4'	/ 2' sample in	terval			- - - -		Tetra Tech	E)
OTHER OF	BSERVATIO	NS:	FID=C PID=	= C	F	lag number 8	16		BORING NO.: 73	3	PAGE: 1	OF 1

PROJECT LOGGED DRILLED	BY:	any/Driller): EVATION:	Raymark OU9 RI/I N1369 C. Rousseau/Neb Aquifer Drilling & T	Dedic	ooley		TRANSCRIBED BY:	BORING NO.: START DATE: COMPLETION: I MON. WELL NO CHECKED BY:		737 1/22/04 1/22/04 N/A JL	
DEPTH (FEET)	BLOWS PER 6°	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	1	MATERIAL CLASSIFICATION		USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
1		1.7'	SBP-SO-737-0002 Screening 1/22/04 @ 1035		Loose	Dark Brown Red	0' - 0.8' - SAND with silt and gravel, fine-medium coarse sand. Some gravel, rock fragm 0.8' - 1.7' - Silty SAND, fine-medium sand, some gravel, rock fragments	nents	SM	Dry No odor No visible waste Several 2" rocks	FID=0.0 PID=0.0
2							•				
3		2.0'	*Confirmatory Sample 1/22/04 @ 1040				2.0' - 3.1' - Same material as noted above (0.8'-1				
4						Brown/ Grayish Black	3.1' - 3.7' - Silty SAND, fine-medium sand, some rock fragments 3.7' - 4.0' - Silty SAND, fine-medium sand, trace copaper material, glass, rubber material.	parse sand, plastic,	SM/Fill	Dry-moist No odor Plastic, glass, paper, rubber material	FID=34.5 PID=0.0
				EOB @ 4' bgs							
									*		
				G							
METHOD METHOD	TYPE OF DRILLING RIG: METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: MIA GEOPROBE - 4X4 Mule DIRECT- PUSH MACRO-CORE Continuous to 4' / 2' sample intention MACRO-CORE Continuous to 4' / 2' sample intention MACRO-CORE CONTINUOUS TO 4' / 2' sample intention METHOD OF ROCK CORING:					interval		Note: *= Confirmatory sa 0204 interval	ample colle	Tetra Tech	NUS, Inc.

Flag number 812

GROUNDWATER LEVELS:

FID= C

PID= C

OTHER OBSERVATIONS:

1 OF

PAGE:

BORING NO.: 737

BORING L	.OG FOR:		Raymark OU9 RI	/FS			BORING N	O.:	738	
PROJECT	NO.:		N1369				START DA	TE:	1/22/04	
LOGGED	BY:		C. Rousseau/Neb	Dedic			TRANSCRIBED BY:DH COMPLET	ION: DATE:	1/22/04	
DRILLED	BY (Comp	any/Driller):	Aquifer Drilling &	Testing/D. G	ooley		MON, WEL		N/A	
GRD. SUF	RFACE ELI	EVATION:					ELEVATION FROM: CHECKED	BY:	JL	
				E-				_		
DEPTH	BLOWS PER	SAMP REC.	SAMPLING TIME	DEPTH	SOIL			USCS	REMARKS	FIELD
(FEET)	6"	/	& &	MAT'L CHG./	DENSITY/ CONSIS.		MATERIAL	or	(moisture condition;	SCREENING
(,	_	SAMP	SAMPLE NO.	WELL	or ROCK	CLR	CLASSIFICATION	ROCK	odors; geological	DATA
0	NA	LENG.	(QA/QC STATUS)	PROF'L	HARD.	QLIV.		BRKN	classification; rock weathering; etc.)	METHOD = [FID, (PPM)]
			SBP-SO-738-0002	1			0' - 0.6' - Silty SAND, fine-medium sand, some coarse sand, trace	SW	Dry-moist	FID=0.0
		2.0'			Loose	Black	gravel, rock fragments		No odor	PID=0.0
		2.0'	Screening			Red	0.6' - 1.3' - Silty SAND, fine-medium sand, trace coarse sand, trace	SM	No visible waste	1.15 0.0
1			1/22/04 @ 1105	10 1	D 0		rock fragments			
		-		1)		Brown	1.3' - 1.6' - Silty SAND, fine-medium sand, trace coarse sand, trace			
						D.OW.	rock fragments			
				1		Dadi		9		
,				1		Dark Brown	1.6' - 2.0' - Same as above			
2			000 00	-	K	$\overline{}$				
			SBP-SO-738-0204			Red	2.0' - 2.3' - Silty SAND, sluff from above		Dry-moist	
		1.5'	Screening						No odor	
		/ 2.0'	-		1	Black	2.3' - 3.0' - SAND with silt, and gravel, medium-coarse sand, some	SW		FID=68.0
3			1/22/04 @ 1115	_			fine sand, trace gravel	1 1		PID≃3.3
					1		3.0' - 3.5' - Silty SAND, fine-medium sand, trace coarse sand, trace	SM/Fill	Glass fragments, pieces	
						1 1 /	clay, glass fragments, rubber, FID=68.0, PID=3.3		of rubber	
		1				$\overline{}$		1 1		
4					[▼]	, v		↓		1
				EOB @						
				4 bgs						
					ļ	_				
1					1 1					
				-	<u> </u>			_		
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TYPE OF I			GEOPROBE - 4X4	Mule				3	Tetra Tech	NUS, Inc.
		CING BORIN								<u> </u>
METHOD (MACRO-CORE Co	ntinuous to 4'	/ 2' sample inte	erval				▙▎▕
METHOD			N/A						{ 11	[ما
GROUND										<u>ا</u>
OTHER O	SERVATIO	JNS:	FID= C PID:	= C	FI	ag number	BORING NO.:	738	PAGE: 1	
								•	18	NUS Form 0018

			Raymark OU9 RIA	/FS					BORING NO.:			739	
PROJECT	ROJECT NO.: N1369		N1369						START DATE:		_	1/22/04	
LOGGED			C. Rousseau/Neb	Dedic				TRANSCRIBED BY: DH	COMPLETION: D.	ATE.	-	1/22/04	
		any/Driller):	AQUIFER DRILLI		NG/D Gool	lev			MON. WELL NO.:		_	N/A	
GRD. SUF		•			1.0.2, 000	,		ELEVATION FROM:	CHECKED BY:		-	JL	
		*******		_		_			OFFICIAL DEF.		_	<u>VL</u>	-11
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY CONSIS. or ROCK HARD.	- [CLR	MATERIAL CLASSIFICATION		RC	SCS or OCK RKN	(moisture condition odors; geological classification; rock	DATA METHOD =
		4.07	SBP-SO-739-0002	11,0, 2	Loose	1	Red	0' - 0.7' - Silty SAND, fine-medium sand, trace co	arse sand	s	M	Dry No odor	[FID, (PPM)] FID=0.0
1		2.0'	Screening 1/22/04 @ 1132			†	Brown	0.7'- 1.2' - SAND with silt and gravel, fine-coarse s trace silts	and, some gravel,	S	w	No visible waste	PID=0.0
								1.2' - 1.5' - Layered rock fragments		-			
2							Greenish Gray		<u> </u>	S	M 		
		2.0'	SBP-SO-739-0204 Screening					2.0' - 3.4' - Silty SAND, fine-medium sand, some sil	t, trace coarse sand			Dry-moist No odor	FID=33 PID=0.0
		2.0'	_									No visible waste	
3			1/22/04 @ 1140	1			▼						
							Park Brow Black	n/ 3.4'-4.0' - Silty SAND, fine-medium sand, some si FID = 33 ppm	t, trace coarse sand,				
4					↓		+			,	V		
				EOB @ 4' bgs		1						_	
						1				_			1
,					<u> </u> .	+				_			
			,	-		_				*			
						_				<u> </u>			
							· · · · · · · · · · · · · · · · · · ·						
1	DRILLING F		GEOPROBE 4X4	Mule								Tetra Te	ch NUS, Inc.
METHOD OF ADVANCING BORING: DIRECT- PUSH													
	ETHOD OF SOIL SAMPLING: MACRO-CORE Continuous to 4			/ 2' sample	inten	val		-				7 — I	
	OF ROCK (N/A						-			['	اللها
1	WATER LE												
OTHER O	BSERVATI	ONS:	FID=C PID	= C		Fla	g numbe	815	BORING NO.: 739	1		PAGE:	1 OF 1

	NO.: BY:	any/Driller): EVATION:	Raymark OU9 Ri N1369 C. Rousseau/Net Aquifer Drilling &	Dedic	ooley		## BORING START DO	ATE: 「ION: DATE: LL NO.:	740 1/22/04 1/22/04 N/A JL	
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	DEN 3 TY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION	USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD =
		2.0'	SBP-SO-740-0002 Screening		Loose	Red	0' - 0.9' - Silty SAND, fine-medium sand, trace coarse sand, trace gravel	ce SM	Dry-moist No odor No visible waste	[FID, (PPM)] FID=0.0 PID=0.0
1	•		1/22/04 @ 1147			Greenish Gray	0.9' - 2.0' - Fine-medium SAND, trace coarse sand	sw		
2		1.5' 2.0'	SBP-SO-740-0204 Screening			Black	2.0' - 2.3' - Same material as above 2.3' - 2.8' - SAND with gravel and silt, fine-medium sand, some		Dry-moist Slight odor Glass fragments.	FID=NA PID=8.6
3			1/22/04 @ 1155				coarse sand, trace gravel 2.8' - 3.1' - Rock fragments	+	plastic, metal at 3.1-3.5	
				EOB @ 4' bgs	 	Black	3.1' - 3.5' - Silty SAND, fine-medium sand, piece of plastic, metal, slight odor, glass fragments	SM/Fill	<u> </u>	
									_	
TYPE OF DRILLING RIG: GEOPROBE – 4X4 Mule METHOD OF ADVANCING BORING: DIRECT- PUSH									Tetra Tec	h NUS, Inc.
METHOD (METHOD (GROUNDV	OF SOIL SA OF ROCK C VATER LEV	MPLING: :ORING: /ELS:	MACRO-CORE Co N/A				st	amed out and ui art		t
TIMEK OF	SERVATIO	MO:	FID= C PID=	- U	F	lag number 8	17 BORING NO.	740	DACE:	4 05 4

BORING LOG FOR: PROJECT NO.: LOGGED BY: DRILLED BY (Company/Driller): GRD. SURFACE ELEVATION: BLOWS SAMP		Raymark OU9 RI/ N1369 C. Rousseau/Neb Aquifer Drilling &	Dedic	ooley		TRANSCRIBED BY:	BORING NO.: START DATE: COMPLETION: MON. WELL N CHECKED BY:	O.:	741 1/22/04 1/22/04 N/A JL		
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION		USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering, etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		2.0'	SBP-SO-741-0002 Screening		Loose	Brown	0' - 0.4' - Topsoil, grass, roots, silty sand 0.4' - 1.1' - Silty SAND, fine-medium sand, trace	coarse sand	SM	Dry-moist No odor No visible waste	FID=84.0
1		2.0'	1/22/04 @ 1405			Greenish	1.1' - 1.3' - Fine-medium SAND, trace coarse sar	nd	sw	THO VISIBLE WAS(E	
2						Dark Brown/ Black	1.3' - 2.0' - Silty SAND, fine-medium sand, some pieces	coarse sand, glass	SM/Fill		
		1.7'	SBP-SO-741-0204 Screening			Brown	2.0' - 2.4' - SAND with gravel and silt, fine-mediu coarse sand, trace gravel 2.4' -2.7' - Organic layer, roots	m sand, some	sw		FiD=524 PID=0.0
3		7 2.0	1/22/04 @ 1410			Greenish-	2.7' - 3.7' - Silty SAND, fine-medium sand, trace	coarse sand	SM		
						Gray	2.1 Oil State, incomodium said, adde		SIVI		
4				EOB @	<u></u>						
				4' bgs		<u> </u>					
								<u> </u>			
r					<u></u>			······································			
									*		
METHOD (METHOD) GROUND\	OF ADVANO OF SOIL SA OF ROCK O WATER LEV	CING BORING MPLING: ORING: /ELS:	MACRO-CORE Co N/A	ntinuous to 4'		terval		-		Tetra Tech	NUS, Inc.
OTHER O	SERVATION	INS:	FID=C PID=	C Changed t	to FID=D		Flag number 820	BORING NO.: 7	41	PAGE	OF 1

Sample S	BORING	GLOG FOR	:	Raymark OU9 F	RI/FS			BORING NO	.:	741A	
DRILLED BY COMPANY WELL NO: CRIS. SURFACE ELEVATION DEPTH PRE NEC. (FEET) OF NAME NEC. (F	PROJEC	CT NO.:		N1369				START DAT	E:	1/29/04	
SERVING SAMPLING DEPTH BURGWING DEPTH PER REC. FEEL THE CONC TABLE SAMPLE WATTO DEPTH PER REC. FEEL THE CONC TABLE SAMPLE WATTO DEPTH PER REC. FEEL THE CONC STATUS SAMPLE WATTO DEPTH OF THE CONC STATUS NA LENG. 100.00.5 STATUS SERVING WELL MATTHOUGH OF SOLL SAMPLING METHOD OF FOUL	LOGGE	D BY:		K. Jalkut				TRANSCRIBED BY: RAC COMPLETIC	N: DATE:	1/29/04	
SRD. SURFACE ELEVATION SAMPLERO DEPTH BURGWINS AMPLERO OF SAMPLE CONCORD STATUS SAMPLERO SAMPLERO SAMPLERO SAMPLERO OF SAMPLERO	DRILLE	D BY (Com	pany/Driller)	: Aquifer Drilling a	and Testing	/D. Gooley		MON. WELL	. NO.:	N/A	
DEFINITY PER REC. TIME (HIGH) PER SAMP NO CHG/ CHG/ CHG/ CHG/ CHG/ CHG/ CHG/ CHG/								ELEVATION FROM: CHECKED B	iY:	JL	
DEPTH PER REC. TIME (HGC) TO CHG/ (HGC) (H		1		1		,			-//		
SAMP (SAMP (SAMP) (SAMP		PER	REC.	TIME				MATERIAL			
NA LEIKS (QA/QC STATUS) PROPT NABOL (Gass surface) SPEN GOATHALOS (FIRE STATUS) PROPT NABOL (Gass surface) SPEN GOATHALOS (FIRE STATUS) PROPT NABOL (Gass surface) Fire state less dioxin, SPEN STATUS (FIRE STATUS) PROPT NABOL (Trace sit) State control stand, trace coerse sand, poorly graded, organic roots, brick places, glass shards Propt Committee on the state of	(FEET)	6"		1			OL D	CLASSIFICATION		odors; geological	DATA
SRP-SD-741A-0002 Final State less flows, SPLP 1/2804 @ 0930 Final SPLP 1/2804 Pinal SPLP 1/2804 @ 0930 Final SPLP 1/2804 Pinal SPLP 1/2		NA .					CLR	Grass surface			
Dense 1/2804 @ 0930 1/2804 1/2804 @ 0930 1/2804 @ 0930 1/2804 @ 0930 1/2804 @ 0930				SBP-SO-741A-0002		Frozen			SM/Fill		
Loose Loos	<u>ن</u>		2.0'	Full Suite less dioxin,			Brown	roots, brick pieces, glass shards			PID = 0.0
SAND, trace sit, trace gravet. Fine-medium aand mostly, trace coarse sand. SPFill Damp at 1'. No visual PACMWasts. No geomembrane PID = 0.0	2 =		2.0'	SPLP		Dense				(frozen)	FID = 0.0
AND, trace silt, trace silt, trace silt, stare gravel. Fine-medium sand mostly, trace coarse sand, specific properties of the standard properties of the standard properties. SAND, trace gravel. Fine-medium sand, trace coarse sand, specific properties of the standard properties. SAND, trace gravel. Fine-medium sand, trace coarse sand, poorly graded, fine to coarse subrounded gravel to 1½. Brown SAND, trace gravel. Fine-medium sand, trace coarse sand, poorly graded, fine to coarse subrounded gravel to 1½. Black BURN LAYER - wood chunks, organic, fiber materials Fill VCC fraction from FiD his of 2 ppin (2 - 4) to 4 pin 2 ppin 2 ppin 2 ppin 3 p	1		1	1/29/04 @ 0930			▼		- 1 + 1		PID = 0.0
SSP-SO-741A-0204 Full Suite less drown, SPLP 1/28IO 4@ 1000 Lab OC for VOCs and SVOCs only Black BURN LAYER - wood chunks, organic, fiber materials Ten- Gray Black BURN LAYER - wood chunks, organic, fiber materials Fill VOC fraction from FID int of 2.2 pm (2 - 4) No visual PACMwaste or for analysis (checked soil below water for presence of waste) Soft Black SAND, trace silt, some gravel, fine sand, poorly graded, fine gravel to 1% subrounded SVOCs only Brown SAND and GRAVEL, trace silt. Mostly fine-medium sand, trace coarse sand, int of 2.2 pm (2 - 4) No visual PACMwaste or geomembrane Fill Brown SAND, trace gravel, fine sand, poorly graded, fine gravel to 1% subrounded or 9 pm -0 o. Soft Black SURN LAYER - wood chunks, glass BURN LAYER - wood chunks, organic, fiber materials Fill VOC fraction from FID int of 2.2 pm (2 - 4) No visual PACMwaste or geomembrane Fill No visual PACMwaste or for analysis (checked soil below water for presence of waste) Soft Black SAND, trace silt, trace gravel, fine sand nostly, fine gravel subrounded to 1%, glass shards, metal fragments, brick Fill No visual PACMwaste or fill be 0.0 PiD = 0.0 FID = 0.	io si					Loose			, \$P/Fill		FID = 0.2
SSP-SO-741A-0204 Full Suite less drowin, SPLP 1/28IO4 @ 1000 Lab QC for VOCs and SVOCs only Black BURN LAYER - wood chunks, organic, fiber materials Ten- Gray Black BURN LAYER - wood chunks, organic, fiber materials Fill O.7 O.7 No samples for 4 - 6' for analysis (checked soil below water for presence of waste) Soft Black SAND, trace silt, trace gravel, fine sand, poorly graded, fine gravel to 1% subrounded SVOCs only Black BURN LAYER - wood chunks, organic, fiber materials Fill O.7 O.7 No samples for 4 - 6' for analysis (checked soil below water for presence of waste) Soft Black SAND, trace silt, trace gravel, fine sand mostly, fine gravel subrounded to ½', glass shards, material, degraded newsprint or far paper Fill Fill O.7 O.7 No samples for 4 - 6' for analysis (checked soil below water for presence of waste) Soft Black SAND, trace silt, trace gravel, fine sand mostly, fine gravel subrounded to ½', glass shards, material, degraded newsprint or far paper Fill Fill O.7 O.7 No samples for 4 - 6' for analysis (checked soil below water for presence of waste) Soft Black SAND, trace silt, trace gravel, fine sand mostly, fine gravel subrounded to ½', glass shards, material, degraded newsprint or far paper Fill No visual PACMwaste PID = 0.0 FID	> = = = = = = = = = = = = = = = = = = =						Brown	fine gravel to ½," subrounded, brick, glass, pottery shards			PID = 0.0
SSP_SC-741A-0204 Full State less dioxin, SPLP Status less dioxin less dioxin less dioxin less dioxin less dioxin less dioxin less dioxin less dioxin l	8 8]	İ						- geomemorane	FID = 2.9
Substitute less dioxin, SFLP Substitute less dioxin, SFLP Size Substitute less dioxin, SFLP Size	2						*				PID = 0.0
SPLP SAND, trace gravel, fine sand, poorly graded, fine gravel to ½ subrounded SP/Fill VOC fraction from FID 10 2.2 PID = 0.0				SBP-SO-741A-0204			Brown			Saturated at 2.5'	FID = 0.0
1/29/04 @ 1000 Tan - SAND, trace gravel, fine sand, poorly graded, fine gravel to ½' subrounded SP/Fill VOC fraction from FID De 0.0 PiD = 0.0 PiD	ــــــا م										PID = 0.0
Lab CG for VOCs and SVOCs only Lab CG for VOCs and SVOCs only Black BURN LAYER - wood chunks, glass Fill O.7' No samples for 4'-6' for analysis (checked soil below water for presence of waste) Soft Black SAND, trace slit, trace gravel, fine sand, poorly graded, fine gravel to ½' subrounded SP/Fill No visual PACMWasste Or geomembrane Fill No visual PACMWasste Or geomembrane Fill No visual PACMWasste Poor recovery due to nature of fill used basket in good shape to capture soil No geomembrane from 4'-6' TYPE OF DRILLING RIG: METHOD OF ADVANCING BORING: METHOD OF ROIL SAMPLING: METHOD OF ROIL SAMPLING: METHOD OF ROIL SAMPLING: METHOD OF ROIL SAMPLING: METHOD OF ROIL SAMPLING: METHOD OF ROIC SAMPLING: METHOD OF ROIC SAMPLING: METHOD OF ROIC SAMPLING: METHOD OF ROIC SAMPLING: METHOD OF ROIC SAMPLING: METHOD OF ROIC SAMPLING: METHOD OF ROIC SAMPLING: METHOD OF ROIC SAMPLING: METHOD OF ROIC SAMPLING: METHOD OF ROIC SAMPLING: METHOD OF ROIC SCRING: NA	4		2.0'				Black	BURN LAYER - wood chunks, organic, fiber materials	Fill		FID = 2.2
A Double of geomembrane PID = 0.0 PI	1 (PID = 0.0
A SAND and GRAVEL, trace silt. Mostly fine-medium sand, trace coarse sand, fine coarse sand, fine coarse subrounded gravel to 1°, glass shards, metal fragments, brick for analysis (checked soil below water for presence of waste) Soft Black SAND, trace silt, trace gravel, fine sand mostly, fine gravel subrounded to ½°, glass, organic material, degraded newsprint or tar paper SAND trace silt, trace gravel, fine sand mostly, fine gravel subrounded to ½°, glass, organic material, degraded newsprint or tar paper Soft Black SAND, trace silt, trace gravel, fine sand mostly, fine gravel subrounded to ½°, price file used basket in good shape to capture soil No geomembrane From 4° 100 = 0.0 FID = 0.0	S]					SAND, trace gravel, fine sand, poorly graded, fine gravel to ½" subrounded	SP/Fill		FID = 8.4
A Double of geomembrane PID = 0.0 PI	<u> </u>			SVOCS only							PID = 0.0
SAND and GRAVEL, trace sit. Mostly fine-medium sand, trace coarse sand, fine coarse sund, fine coarse subrounded gravel to 1*, glass shards, metal fragments, brick for analysis (checked soil below water for presence of waste) Soft Black SAND, trace sit, trace gravel, fine sand mostly, fine gravel subrounded to ½*. SAND, trace sit, trace gravel, fine sand mostly, fine gravel subrounded to ½*. SAND, trace sit, trace gravel, fine sand mostly, fine gravel subrounded to ½*. SAND, trace sit, trace gravel, fine sand mostly, fine gravel subrounded to ½*. SAND and GRAVEL, trace sit, trace gravel, fine sand mostly, fine gravel subrounded to ½*. SAND and GRAVEL, trace gravel, fine sand mostly, fine gravel subrounded to ½*. SAND and GRAVEL, trace gravel, fine sand mostly, fine gravel subrounded to ½*. SAND and GRAVEL, trace gravel, fine sand mostly, fine gravel subrounded to ½*. SAND and GRAVEL, trace gravel, fine sand mostly, fine gravel subrounded to ½*. SAND and GRAVEL, trace gravel, fine sand mostly, fine gravel subrounded to ½*. SAND and GRAVEL, trace gravel, fine sand mostly, fine gravel subrounded to ½*. SAND and GRAVEL, trace gravel, fine sand mostly, fine gravel subrounded to ½*. SAND and GRAVEL, trace gravel, fine sand mostly, fine gravel subrounded to ½*. SAND and GRAVEL, trace gravel, fine sand mostly, fine gravel subrounded to ½*. SAND and GRAVEL, trace gravel, fine sand mostly, fine gravel subrounded to ½*. SAND and GRAVEL, trace gravel, fine sand mostly, fine gravel subrounded to ½*. SAND and GRAVEL, trace gravel, fine sand mostly, fine gravel subrounded to ½*. SAND and GRAVEL, trace gravel, fine sand mostly, fine gravel subrounded to ½*. SAND and GRAVEL, trace gravel, fine sand mostly, fine gravel subrounded to ½*. SAND and GRAVEL, trace gravel, fine sand mostly, fine gravel subrounded to ½*. SAND and GRAVEL, trace gravel, fine sand mostly, fine gravel subrounded to ½*. SAND and GRAVEL, trace gravel, fine sand mostly, fine gravel subrounded to ½*. SAND and GRAVEL, trace gravel, fine s	ო						Black	BURN LAYER - wood chunks, glass	Fill		
No stailprise (Checked soil below water for presence of waste) Fill No visual PACM/waste PID = 0.0	4									. <u> </u>	PID = 0.0
TYPE OF DRILLING RIG: METHOD OF ROUK AND BORING: METHOD OF SOIL SAMPLING: METHOD OF SOIL SAMPLING: METHOD OF SOIL SAMPLING: METHOD OF SOIL SAMPLING: METHOD OF SOIL SAMPLING: METHOD OF SOIL SAMPLING: METHOD OF SOIL SAMPLING: METHOD OF SOIL SAMPLING: METHOD OF SOIL SAMPLING: METHOD OF SOIL SAMPLING: METHOD OF SOIL SAMPLING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: NA Poor recovery due to rature of fill – used basket in good shape to capture soil No geomembrane from 4'-6' FID = 0.0 PID = 0							Brown				1
TYPE OF DRILLING RIG: METHOD OF ROCK CORING:	×		. /								
TYPE OF DRILLING RIG: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: METHOD OF SOIL SAMPLING: METHOD OF SOIL SAMPLING: METHOD OF SOIL SAMPLING: METHOD OF SOIL SAMPLING: METHOD OF SOIL SAMPLING: METHOD OF SOIL SAMPLING: METHOD OF SOIL SAMPLING: METHOD OF SOIL SAMPLING: METHOD OF SOIL SAMPLING: METHOD OF SOIL SAMPLING: METHOD OF SOIL SAMPLING: METHOD OF SOIL SAMPLING: METHOD OF SOIL SAMPLING: METHOD OF PROCK CORING: METHOD OF PROCK CORING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: N/A	 (2) 1	-	2.0			Soft	Black	SAND, trace sift, trace gravel, fine sand mostly, fine gravel subrounded to 1/2	', SP/Fill	nature of fill - used	
EOB @ 6' bgs — Backfill with Bentonite chips (6' – 1') and topsoil (1' – 0') TYPE OF DRILLING RIG: METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: Macro-Core Open tube. Continuous sampling in 2' intervals to water table N/A Tetra Tech NUS, Inc. PACM = Potential asbestos containing material Full Suite = SVOCs, Pesticides/PCBs, metals, dioxin, SPLP metals and						\vdash		glass, organic material, degraded newsprint of tai paper	4		PID = 0.0
EOB @ 6' bgs — Backfill with Bentonite chips (6' – 1') and topsoil (1' – 0') TYPE OF DRILLING RIG: METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: Macro-Core Open tube. Continuous sampling in 2' intervals to water table N/A Tetra Tech NUS, Inc. PACM = Potential asbestos containing material Full Suite = SVOCs, Pesticides/PCBs, metals, dioxin, SPLP metals and	<u> </u>		-							Capture son	
EOB @ 6' bgs EOB @ 6' bgs - Backfill with Bentonite chips (6' - 1') and topsoil (1' - 0') TYPE OF DRILLING RIG: METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: MET			l			-	_				
EOB @ 6' bgs EOB @ 6' bgs - Backfill with Bentonite chips (6' - 1') and topsoil (1' - 0') TYPE OF DRILLING RIG: METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: N/A EOB @ 6' bgs - Backfill with Bentonite chips (6' - 1') and topsoil (1' - 0') Note: PACM = Potential asbestos containing material Full Suite = SVOCs, Pesticides/PCBs, metals, dioxin, SPLP metals and	٦	ļ	ł							4' - 6'	
EOB @ 6' bgs — Backfill with Bentonite chips (6' – 1') and topsoil (1' – 0') TYPE OF DRILLING RIG: METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK COR	-				EOR @	-	_		+		
TYPE OF DRILLING RIG: METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING:		,	1			1		FOR @ 6' bas - Backfill with Bentonite chips (6' - 1') and topsoil (1' - 0')			1
TYPE OF DRILLING RIG: METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: METHOD OF DRILLING RIG: Macro-Core Den tube. Continuous sampling in 2' intervals to water table Macro-Core Open tube. Continuous sampling in 2' intervals to water table METHOD OF ROCK CORING: METHOD OF ROCK CORIN					_		_	200 GO SGO SASAM AMA SOMEONES CAMPO (C. 1) AMA ESPOSA (1. 0)		- /	
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METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: Direct Push Technique (DPT) Macro-Core Open tube. Continuous sampling in 2' intervals to water table Full Suite = SVOCs, Pesticides/PCBs, metals, dioxin, SPLP metals and	-		1						+	1	
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METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: Direct Push Technique (DPT) Macro-Core Open tube. Continuous sampling in 2' intervals to water table Full Suite = SVOCs, Pesticides/PCBs, metals, dioxin, SPLP metals and				OFORBORE :	F C 4 (F	Haumis D (D)	. 4	Notes			
METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: Macro-Core Open tube. Continuous sampling in 2' intervals to water table Macro-Core Open tube. Continuous sampling in 2' intervals to water table Full Suite = SVOCs, Pesticides/PCBs, metals, dioxin, SPLP metals and						wounted) (Rig	14)		bestos contain	ing Tetra Tech	NUS, Inc.
METHOD OF ROCK CORING: METHOD OF ROCK CORING: N/A metals, dioxin, SPLP metals and T metals						nuous samplir	na in 2' inte	material material		<u> </u>	$\overline{}$
inicials, dioxin, 3FLP filetals and					Odila	ouripiii	·9 #1 = 111C	Full Strike = SVOCS, I			
	1				5' bgs (driller	reports water	in borehole				ン

Flag number 820

Phase II - Former Landfill Area - Golf Course near water hazard

OTHER OBSERVATIONS:

PAGE:

BORING NO.: 741A

BORING !	OG FOR:		Raymark OU9 R	I/FS					BORING NO .:		742	
PROJECT	NO.:		N1369						START DATE:		1/22/04	
LOGGED	BY:		C. Rousseau/Ne	b Dedic			TRANSCRIBE	D BY: DH	COMPLETION		1/22/04	
		any/Driller):	Aquifer Drilling 8		ioolev				MON. WELL N		N/A	
GRD. SUF							ELEVATION F	ROM:	CHECKED BY:		JL	
									ONEONED DI	2000		
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR		MATERIAL CLASSIFICATION		USCS or ROCK BRKN	(moisture condition odors; geologica classification; ro- weathering; etc	al DATA ck <i>METHOD</i> =
		2.0'	SBP-SO-742-0002		Loose 	Brown		psoil, grass, roots y SAND, fine-medium sand, trac	e coarse sand	SM	Dry-moist No odor	FID=0.0 PID=0.0
1		2.0'	Screening 1/22/04 @ 1450			Black	0.7' - 1.8' - SA	ND with silt, fine-medium sand, ce gravel			No visible waste	118 0.0
2	_ · _ · · · · · · · · · · · · · · · · ·							ganic material, wood				
		1.3'	SBP-SO-742-0204 Screening				2.0' - 2.5' - Silt FIC	y SAND, fine-medium sand, trad 0=884	ce coarse sand,		Moist-wet No odor	FID=884 PID=0.0
3		2.0'	1/22/04 @ 1500								No visible waste	
				1		Greenish/ Gray	2.5' - 3.3' - Fin	e-medium SAND, trace silt		SP		
4				1	\							
				EOB @ 4' bgs		<u> </u>				├		
							 			-		
			•	-			-			<u> -</u>		<u> </u>
						ļ <u>-</u>						
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							<u> </u>					
				_						>		
									····			
E											5	
TYPE OF	DRILLING F	SIG-	GEOPROBE – 4X	4 Mule								1.1
				- IVIUIC							Tetra	Tech NUS, Inc.
Į.	METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: MACRO-CORE Continuous to 4' / 2' sample in										4	
	METHOD OF SOIL SAMPLING. METHOD OF ROCK CORING: N/A					w tai						TR-
1	WATER LE		INIT									
OTHER OBSERVATIONS: FID= C PID= C						Flag number	819		BORING NO.:	742		
CHILLIO		J.10.	,,,, , , , , , , , , , , , , , , , , ,				-10		DOMING NO.	444	PAGE	: 1 OF 1

PROJECT LOGGED DRILLED	BORING LOG FOR: PROJECT NO.: LOGGED BY: DRILLED BY (Company/Driller): GRD. SURFACE ELEVATION: BLOWS SAMP		Raymark OU9 RI/ N1369 C. Rousseau/Neb Aquifer Drilling &	Dedic	ooley		TRANSCRIBED BY:DH	BORING NO.: START DATE: COMPLETION: D MON. WELL NO.: CHECKED BY:			2/04 2/04	
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION		USC or ROC BRK	K (noisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		2.0'	SBP-SO-743-0002 Screening		Loose	Brown	0' - 0.6' - Topsoil, grass, roots, silty sand 0.6' - 1.3' - Silty SAND, fine-medium sand, trace	coarse gand	CI	Dr No		FID=0.0 PID=0.0
1		/ 2.0	1/22/04 @ 1520			Black/	1.3' - 2.0' - Silty SAND, trace coarse sand	coarse sariu	SM	<u> </u>		
						Dark Brown	1.5 2.5 Sily Silve, Bace coalse sain			+		
2		1.6'	SBP-SO-743-0204 Screening			Greenish/ Gray	2.0' - 3.0' - Fine-medium SAND, trace coarse sar	nd, trace organics		Me	pist-wet	
3		2.0'	1/22/04 @ 1530						V			
						Brown	3.0' - 3.6' - Silty SAND, fine-medium sand, trace of fragments	coarse sand, glass	SM/		odor ass fragments	FID=798 PID=0.0
4				EOB @	↓						•	
				4' bgs		 			L			
										_		
										-		
											<u> </u>	1
									,			
	-											
METHOD METHOD GROUND	OF ADVAN OF SOIL SA OF ROCK (WATER LE	CING BORING MPLING: ORING: /ELS:	MACRO-CORE Co N/A	ntinuous to 4'							Tetra Tech	NUS, Inc.
OTHER O	BSERVATIO	ONS:	FID= C PID	= C	Fla	g number 818		BORING NO.: 743			PAGE: 1	OF 1 NUS Form 0018

PROJECT LOGGED DRILLED	ORING LOG FOR: ROJECT NO.: OGGED BY: CRULLED BY (Company/Driller): GRD. SURFACE ELEVATION: BLOWS SAMP SAMPLING RAymark OU9 RI/FS N1369 C. Rousseau/Neb Dedic Aquifer Drilling & Testing/D. Goole						BORING NO.: START DATE: TRANSCRIBED BY: DH COMPLETION: MON. WELL NO ELEVATION FROM: CHECKED BY:	O.:	744 1/22/04 1/22/04 N/A JL		
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DE NSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION	USCS or ROCK BRKN	REMARK (moisture con odors; geolo classification weathering;	ndition; SCREE ogical DAT n; rock METHO	ening Ta Iod =
		2.0'	SBP-SO-744-0002 Screening		Loose	Brown	0' - 0.4' - Topsoil, grass, roots		Dry, no odor,	FID=0.0 PID=0.0	0
1		2.0'	1/22/04 @ 1618		*		0.4' - 1.1' - Silty SAND, fine-medium sand, some coarse sand	SM	No visible wast	le	
		į			Medium Dense		1.1' - 1.2' - Silty SAND, fine-medium sand 1.2' - 2.0' - Silty SAND, fine-medium sand, some coarse sand, trace silt				
2				_							
		1.8'	SBP-SO-744-0204 Screening		+	<u> </u>	2.0' - 2.4' - Same as material noted above		Dry-moist No odor Glass fragment	FID=2.8 PID=0.0	
3		2.0'	1/22/04 @ 1625		Loose	Dark Brown	2.4' - 3.4' - Silty SAND, fine-medium sand, trace coarse sand	<u> </u>	Ciaco iragilioni		
				1		Black	3.4' - 3.8' - Silty SAND, fine-medium sand, trace coarse sand, glass pieces, FID=2.8 ppm	SM/Fill			
4					<u> </u>	<u> </u>					
				EOB @ 4' bgs							
				. 4							
1											
METHOD (METHOD (METHOD (GROUND)	OF SOIL SA OF ROCK C VATER LEV	CING BORING MPLING: ORING: /ELS:	MACRO-CORE Co N/A				224			tra Tech NUS, Inc	C.
OTHER O	OSERVATIO	יפאל:	FID= C PID=	<u>.</u> U	ria	g number	321 BORING NO.: 7	44	PAC	GE: 1 OF	1

BORING L			Raymark OU9 RI/	FS			В	ORING NO.:		745/	745A		
PROJECT			N1369					TART DATE:		1/22	/04		
LOGGED			K. Jalkut	 			TRANSCRIBED BY: LAH CO	OMPLETION:	: DATE	1/23	/04		
	BY (Compa		ADT/M. Sarro					ION. WELL N		N/A			
GRD. SUF	RFACE ELE	VATION:					ELEVATION FROM: CI	HECKED BY:		JL			
	BLOWS	SAMP	SAMPLING	DEPTH	ėou.								
DEPTH	PER	REC.	TIME	MAT'L	SOIL DENSITY/		MATERIAL		USCS		REMARKS		LD
(FEET)	6"	/	&	CHG./	CONSIS.		CLASSIFICATION		or ROCk		sture condition; ors; geological		ENING TA
0	N/A	SAMP LENG.	SAMPLE NO. (QA/QC STATUS)	WELL	or ROCK	CLR			BRKN		sification: rock		10D =
	18/74	LLNG.		PROF'L	HARD.		Recreational Field			wea	athering; etc.)		(PPM)]
			SBP-SO-745-0002	[]	_	Red Brown	SAND, some silt, trace gravel. Mostly fine-medium sand, tra	ace coarse	SM/		oot plugs = 3"	FID = 0	0.0
		1.8'	Screening and		Dense	BIOWII	sand, poorly graded fine subrounded gravel to ½", organics		Fill	(frozen)		PID = 0	0.0
		2 '	Confirmation	1 1						Damp	membrane		
1		*	1/22/04 @ 1600			<u></u>	,) Danie			l
				7		Tan-	Sandy GRAVEL, fine-medium sand, poorly graded, fine-coa	arse	SP/GP	Dry		 	
					Loose	Gray	subangular gravel to 1.5", rock fragments		Fill	1			l
				1								— —	
2													
			SBP-SO-745-0204	1 !						No goor	nembrane		
		1.8'		!!!					ļ	No geoi	nembrane		ĺ
		/ 2'	Screening			 				_			
3		/ -	1/22/04 @ 1615			}	Ţ		Ţ				ĺ
-			172207 @ 1010	-		Deep	CAND mostly mostly many			<u> </u>			<u> </u>
						Red	SAND, mostly medium sand, trace coarse sand		SP/Fil	l Dry			1
							Olly Oddy C						ĺ
						ΙL	Silty SAND, fine-medium sand, poorly graded, trace organic	×s	SM/Fil	Damp (f	ines)		
4				_		▼				, ,	,		
			SBP-SO-745A-0406			Tan-	Sandy GRAVEL, fine-medium sand, poorly graded, fine and	coarse	SP/GF	Dry, no	geomembrane	1	·
		2'	Screening		*	Gray	subangular gravel to 1", rock fragments		Fill				
		/ 2'	Corcerning	1 1	Dense	Dark	SAND, some silt, some gravel, fine-medium sand, poorly gra	aded fine	SM/Fil	\sqcap			
5			1/22/04 @ 1630		Loose	brown	and coarse subrounded gravel 0.5" - 1.5", organics	- 1	SP/Fil	Dry			
		-		1 1		Tan-gray	SAND, fine-medium sand, poorly graded, seashells		-1		nembrane	┽	
					\ \ \	↓			\ \	11.0 900.	ionibiano.	1 4	7
				1 1	 .		WASTE, visible PACM - compressed material with long shir	ny fihers	Fill			FID≃8	
6					Dense	Black	and trace organic material	1, 1,55,5	• 111	Damp P		1	
				EOB @	-					approxir	nately 5.5' - 6'	PID = 0	.0
				6' bgs			EOB @ 6' bgs - Backfill with Bentonite chips (6' - 1') and tops	soil (1'- 0')					
				""			Switched to Phase 2 sampling protocol from surface to water			_			
							screening samples, per PM/FOL	эг таріе по	\$			i	
				-{								<u> </u>	
								1					
] .									
	1		<u> </u>	<u>i </u>]					
TVDE OE	DRILLING F	iC:	GeoProbe LT 54 (ri	ria 4)									
		JIG. DING BORIN		ig 4)				Notes:			Tetra Tech	NUS, In	IC.
	OF SOIL SA		Macro – Core; Open	tube continu	que camplina	in 2' intanc	s to the uniter table	D. O					
	OF ROCK C		N/A	idoo, commu	очо оатрину	MY MINE A	a to the water table	PACM = Pote	ential as taining n		 	-	
	WATER LEV		Not Encountered			· 		cont	annig N	iaterial	[•	To)	
	BSERVATION			1: former Lan	dfill area Lov	ation added	per EPA's request (RJ)	BORING NO :		7454	DACE:		
- · · · · · · · · · · · ·				.,	G. GG EDE		- por rio rogatos (rto)	DOMING MO.	7451	/45A	DACE.	1 AF	

PROJECT LOGGED DRILLED	BY:	any/Driller): EVATION:	Raymark OU9 RI/ N1369 K. Jalkut Aquifer Drilling an		. Sarro			BORING N START DA TRANSCRIBED BY: RAC COMPLET MON. WE ELEVATION FROM: CHECKED	ATE: TION: E LL NO.	— .	745A 1/23/04 1/26/04 N/A			
C(10.00)	· · · · · · · · · · · · · · · · · · ·	,			_			ELEVATION FROM: CHECKED	BY:		<u>JL</u>			
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSI CONS or RO HARI	TY/ IS. CK CL	R	MATERIAL CLASSIFICATION		USCS or ROCK BRKN	(moistu odors classif	EMARKS ure condition; i; geological fication; rock hering; etc.)	FIE SCREE DA' METH [FID, (I	ENING TA IOD =
↑		_	SBP-SO-745A-0002		1			Refer to Boring Log Number 745 for soil profiles from 0' - 6' bgs			Grass/roo		FID = (
		2,0'	Full Suite less dioxin, SPLP, asbestos 1/23/04 @ 0900						-		approxim (frozen)	ately 3" PACM/waste	PID =	0.0
				į										
2			SBP-SO-745A-0204					·	_					
		2.0'	Full Suite less dioxin, SPLP, asbestos		ļ <u></u>						_			 -
			1/23/04 @ 1000											i
			:		<u> </u>						Visible ge 4'. No vis PACM/wa			
4														
		2.0'	SBP-SO-745A-0406 Full Suite less asbestos						_					
		2.0	1/23/04 @ 1050			- 1								
							_					ACM/waste at at at at at at at		
6								↓					FID = 2	
,	,	1.7'	SBP-SO-745A-0608 and DUP05A		Dens	e Blac		WASTE, compressed material, long shiny fibers (reddish coloration to parts)	2	Fill	Visible PA 6' - 6.5'	ACM/waste at	PID = 0 FID = 2 PID = 0	28
		2.0'	1/26/04 @ 1310					Silty SAND, some gravel. Fine-medium sand, fine coarse subrounder gravel ½" – 1 ¼", wood chunks, glass shards to 1 ½", organic fibers, reed metal debris, newspaper, sephalt	ī	*	Both crew 1300 - 13	vs in Level C 40	FID = 6	64
			Full Suite less dioxin, SPLP				reed, metal debris, newspaper, asphalt				Wet at ap 7.7'	pproximately	FID = 1 PID = 0	
8			DAS metals collected	EOB @ 8' bgs	<u></u>	Brov	wn	EOB @ 8' bgs - Backfill with Bentonite chips (8' - 1') and topsoil (1' -	- 0')					
	DRILLING F		GEOPROBE - LT 54		ted) (Rig 4	4)		Note:				Tetra Tech	NUS, Ir	1C.
I	OF ADVANC	CING BORING AMPLING:	G: Direct Push Technique Macro-Core Open tui		ıs samplin	na in 2' inter	/ais t	PACM = Potential a material a					7	
1	OF ROCK C		N/A	oo. oominade	-5 Guilipill		LAIG D	Full Suite = SVOCs	Pestic	ides/PCF	Bs, letals and	17	t l	
GROUND	WATER LEV	VELS:	Approximately 7.5' by	gs (driller repo	orts H₂0 in	n boring at 7	.5' bg	ps) PCBs, a	asbesto:	SPLP M S, and V	OCs		ン	
OTHER OBSERVATIONS: Phase II - Former Landfill Area - Recreational Field, Flag num							ag ni	mber 511 PID/FID=F; PID failed 1/23/04 calibration check BORING	NO.:	745A		PAGE: 1	OF.	1

PAGE:

745A

PROJECT	NO.:		N1369					START DATE:	1/23/04	
LOGGED			C. Rousseau/Neb				TRANSCRIBED BY: DH	COMPLETION: DATE:	1/23/04	
		any/Driller):	Aquifer Drilling &	Testing/D. G	ooley			MON. WELL NO .:	N/A	
GRD. SUF	RFACE ELI	EVATION:					ELEVATION FROM:	CHECKED BY:	JL	
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION	USCS or ROCK BRKN	(moisture condition; odors; geological	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		2.0'	SBP-SO-746-0002 Screening		Loose	Dark	0' - 0.3' - Snow pack 0.3' - 1.2' - Silty SAND, fine-medium sand, trace or	rganics SM	Dry-moist No odor No visible waste	FID=0.0 PID=0.6
1			1/23/04 @ 1040	_		Brown	1.2' - 2.0' — Silty SAND, fine-medium sand, some co	1		
2						Brown	silt, trace organics		_	
		1.4'	SBP-SO-746-0204 Screening				2.0' - 3.0' - Same as material above (1.2'-2.0'), trace	ce organics	Dry- moist	
3		2.0'	1/23/04 @ 1050			Dark	3.0' - 3.4' - Silty SAND, fine-medium sand, trace or	ganics, plastic, SM/Fi	No odor Metal, plastic	FID=386 PID=1.1
						Brown	metal pieces, possible PACM	ganics, plastic, SM/FII		
4				EOB @ 4' bgs	\ \			\		
				4 bys						
,										
				-						
					<u> </u>			<u></u>		
	DRILLING F	RIG: CING BORIN	GEOPROBE – 4X4	Mule					Tetra Tech	NUS, Inc.
	OF ADVAN		MACRO-CORE Co	ontinuous to 4'	12' sample in	nterval		Note:		
1	OF ROCK (N/A		· A GOITIPIG II	I COLUMN		_ PACM = Potential asbestos material	containing	<u> </u>
1	WATER LE'									
1	BSERVATION		FID= C PID:	= C		Flag numbe	439	BORING NO.: 746	PAGE: 1	OF 1

BORING NO.:

746

BORING LOG FOR:

Raymark OU9 RI/FS

PROJECT LOGGED DRILLED	RD. SURFACE ELEVATION: BLOWS SAMP SAMPI				ooley		TRANSCRIBED BY:	BORING NO.: START DATE: COMPLETION: DA' MON. WELL NO.: CHECKED BY:	TE:	747 1/23/04 1/23/04 N/A JL	
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION	R	ISCS or OCK RKN	(moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
1		1.6'	SBP-SO-747-0002 Screening 1/23/04 @ 1120		Loose	Brown	0' - 0.3' - Topsoil, organics, reed materials 0.3' - 1.6' - Silty SAND, fine-medium sand, trace orga coarse sand and gravel		SM	Dry-moist No odor No visible waste	FID=18 PID=4.8
	•		1723/04 (Ø 1120				Contact stated and graves				
2		1.6' 2.0'	SBP-SO-747-0204 Screening				2.0' - 3.6' - Sandy SILT, fine-medium sand, some coasilt, trace gravel	irse sand, some	ML	Dry-moist No odor No visible waste	FID=25.0 PID=0.5
3			1/23/04 @ 1127								
4				EOB @ 4' bgs	+	+	+				
									>		
METHOD METHOD	OF ADVAN OF SOIL SA OF ROCK (WATER LE	CING BORIN AMPLING: CORING: VELS:	GEOPROBE – 4X4 DIRECT- PUSH MACRO-CORE CO N/A FID= C PID:	ontinuous to 4'		erval lag number	488	BORING NO.: 747		Tetra Tech	E .

BORING L PROJECT LOGGED DRILLED GRD. SUF	NO.: BY: BY (Comp	any/Driller): EVATION:	Raymark OU9 RI/ N1369 C. Rousseau/Neb Aquifer Drilling &	Dedic	ooley		BORING NO.: START DATE: COMPLETION MON. WELL N CHECKED BY	O.:	748 1/23/04 1/23/04 N/A JL	
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION	USCS or ROCK BRKN	(moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
1		2.0'	SBP-SO-748-0002 Screening 1/23/04 @ 1200		Loose	Dark Brown	0' - 1.2' - Silty SAND, fine-medium sand, trace organics, trace gravel 1.2' - 1.3' - Rock fragments, gravel	SM GP	Dry-moist No odor Plastic, resin material (white)	FID=7.5 PID=4.3
						Brown	1.3' - 2.0' - Silty SAND, fine-medium sand, some coarse sand, trace organics (roots) plastic, resin material (hard white)	SM/Fill		
2		1.1' 2.0'	SBP-SO-748-0204 Screening				2.0' - 2.6' - FILL, cardboard/paper material, silty SAND around material 2.6' - 4.0' - Silty SAND, fine-medium sand		Dry-moist No odor Paper material	FID=36 PID=0.0
3			1/23/04 @ 1215							
4				EOB @ 4' bgs	+	*	↓	+		4
								>		
		:								
TYPE OF DRILLING RIG: METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: GROUNDWATER LEVELS: OTHER OBSERVATIONS: GEOPROBE – 4X4 Mule DIRECT- PUSH MACRO-CORE Continuous to 4' / 2' sample interval N/A FID= C PID= C Flag number 5							530 BORING NO.:	748	Tetra Tech	NUS, Inc.

PROJECT LOGGED DRILLED	BORING LOG FOR: PROJECT NO.: LOGGED BY: DRILLED BY (Company/Driller): GRD. SURFACE ELEVATION: BLOWS SAMP		Raymark OU9 RI, N1369 C. Rousseau/Net Aquifer Drilling &	Dedic	ooley		TRANSCRIBED BY:DH	BORING NO.: START DATE: COMPLETION: MON, WELL NO CHECKED BY:	D .:	749 1/23/04 1/23/04 N/A JL	
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION		USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
1		1.6'	SBP-SO-749-0002 Screening 1/23/04 @ 1240		Loose	Brown	0' - 1.1' - Silty SAND, fine-medium sand, some gravel	e coarse sand, trace	SM	Dry-moist No odor No visible waste	FID=11.0 PID=0.0
							1.1' - 1.6' - SAND with silt and gravel, fine-medi gravel, trace rock fragments, FID=1		SP		
2		1.5' 2.0'	SBP-SO-749-0204 Screening and Confirmation				2.0' – 3.2' - Silty SAND, fine-medium sand, some gravel	e coarse sand, trace	SM		
3			1/12/04 @ 1250				3.2' – 4.5' - Rock fragments, gravel, 2" – 2.5" roc sleeve	k stuck in shoe of	GP		FID=65,0 PID=8.8
				EOB @ 4' bgs	•	+			*		
TYPE OF I METHOD (METHOD (GROUND) OTHER OF	OF ADVANO OF SOIL SA OF ROCK O VATER LEV	CING BORING AMPLING: CORING: VELS:	MACRO-CORE Co N/A			erval	578	BORING NO: 7.	49	Tetra Tech	NUS, Inc.

LOGGED DRILLED	PROJECT NO.: LOGGED BY: DRILLED BY (Company/Driller): GRD. SURFACE ELEVATION: BLOWS SAMP REC. / SAMP 0 NA LENG. 2.0' 2.0'		Raymark OU9 Rti N1369 C. Rousseau/Neb Aquifer Drilling & SAMPLING TIME & SAMPLE NO. (QA/QC STATUS) SBP-SO-750-0002 Screening	Dedic	SOIL DENSITY/ CONSIS. or ROCK HARD. Loose	CLR Black	TRANSCRIBED BY: DH COMPLETION MON. WELL I ELEVATION FROM: CHECKED BY MATERIAL CLASSIFICATION 0'-0.3'- Dry, asphalt 0.3'-1.1'- Dry, silty SAND, fine-medium sand, trace coarse sand.	: N: DATE: NO.:	750 1/26/04 1/26/04 N/A JL REMARKS (moisture condition; odors; geological classification; rock weathering; etc.) Dry No odor	FIELD SCREENING DATA METHOD = [FID, (PPM)] FID=22 PID=0.0
2			1/26/04 @ 1600	-		Brown	trace gravel 1.1' - 2.0' - Dry, silty SAND, fine-medium sand, shell fragments		No visible waste Shell fragments	
3		1.3' 2.0'	SBP-SO-750-0204 Screening 1/26/04 @ 1610				2.0' - 2.5' - Silty SAND, fine-medium sand, metal piece (± 2") 2.5' - 2.7' - Rock fragments, gravel 2.7' - 3.3' - Dry-moist, silty SAND, fine-medium sand, organics, wood	GP SM/Fill	Dry-moist No odor Metal piece, organics	FID=625 PID=0.0
4				EOB @	+	+	and roots		roots, wood, clay type material (gray) pliable	
				4' bgs				,		
METHOD METHOD METHOD GROUND	DRILLING F OF ADVAN OF SOIL S/ OF ROCK (WATER LE	CING BORIN AMPLING: CORING: VELS:	MACRO-CORE Co N/A			pot interval	BORING NO	750	Tetra Tech	NUS, Inc.

PROJECT NO.: N136 LOGGED BY: C. Ro DRILLED BY (Company/Driller): Aquif			Raymark OU9 RI/ N1369 C. Rousseau/Neb	Dedic			TRANSCRIBED BY:DH	BORING NO.: START DATE: COMPLETION:		751 1/27/04 1/27/04	
	BY (Compa RFACE ELI		Aquifer Drilling &	Testing/D. G	iooley		ELEVATION FROM:	MON. WELL NO CHECKED BY:		N/A JL	
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION		USCS or ROCK BRKN	(moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		1.8'	SBP-SO-751-0002 Screening		Loose	Brown	0' - 1.0' - Dry, frozen, topsoil, silty SAND, fine-morganics, roots, grass	edium sand,	SM	Dry No odor noted No visible waste	FID=0.0 PID=0.0
1		2.0	1/27/04 @ 0900			<u> </u>				Frost layer 0-1.0'	
						Dark Brown	1.0' - 1.8' - Dry, sitty SAND, fine-medium sand, tra trace gravel	ce coarse sand,			
2						<u> </u>				·	
		2.0'	SBP-SO-751-0204 Screening			Brown	2.0' - 4.0' - SAND with silt, fine-medium sand, some trace gravel, trace organics (roots)	ne coarse sand,	SP/Fill	Dry No odor Few pieces of metal	FID=95.0 PID=0.0
3			1/27/04 @ 0910		\vdash	-			<u> </u>		
									-		
4	-			EOB @	+	+	ļ		↓		
				4' bgs							
											<u> </u>
									_		<u> </u>
		 -									
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					<u> </u>				*		-
											-
				<u></u>							<u></u>
METHOD METHOD	DRILLING F OF ADVAN OF SOIL SA OF ROCK (CING BORIN AMPLING:	GEOPROBE – 4X4 G: DIRECT- PUSH MACRO-CORE CO N/A		vater table / 2 fo	ot interval				Tetra Teci	NUS, Inc.
1	WATER LE BSERVATI		FID= D, PID= E		Flag number	823 - End of	parking lot area, outside wooden fence in grass	BORING NO.: 7	751	PAGE:	1 OF 1

BORING L	OG FOR:		Raymark OU9 RI/	FS				BORING NO.:		752		
PROJECT	NO.:		N1369					START DATE:		1/27/0)4	
LOGGED	BY:		C. Rousseau/Neb				TRANSCRIBED BY:DH	COMPLETION:	DATE:	1/27/0		
		any/Driller):	Aquifer Drilling &	Testing/D. G	iooley			MON. WELL N	O.:	N/A		
GRD. SUF	RFACE ELI	EVATION:					ELEVATION FROM:	CHECKED BY:		JL		
	BLOWS	SAMP	SAMPLING	-	2		And and a second		_	_	-	
DEPTH	PER	REC.	TIME	DEPTH MAT'L	SOIL DENSITY/		MATERIAL		USCS		REMARKS	FIELD
(FEET)	6"	1	&	CHG./	CONSIS.		CLASSIFICATION		or		sture condition; rs; geological	SCREENING DATA
		SAMP	SAMPLE NO.	WELL	or ROCK	CLR			ROCK	class	sification; rock	METHOD =
0	NA	LENG.	(QA/QC STATUS)	PROF'L	HARD.				BRKN		thering; etc.)	[FID, (PPM)]
			SBP-SO-752-0002	ļ	Loose	Black	0' - 0.3' - Asphalt			Dry-moi		FID=12.0
		1.9'	Screening			<u> </u>				No odor	r .nd shell	PID=0.0
		2.0'				Red	0.3' - 0.8' - SAND with silt and gravel, fine-medium	sand, some coarse	SW	fragmer		
1			1/27/04 @ 0945				sand, trace gravel					
						Brown/	0.8' - 1.9' - Fine-medium SAND, shell fragments, gla	ass piece, some silt	SM/Fili			
				İ		Gray	Į.			1		
										1		-
2							∀			1		1
			SBP-SO-752-0204	1		Grayish/	2.0' - 3.5' - Black, SAND with silt and gravel, fine- m	edium sand, trace				
		1.5'	6	İ		Black	coarse sand, trace gravel, piece of meta					
		2.0'	Screening	ļ			1			Dry-moi		FID=1812
3			1/27/04 @ 0955]					Slight o		PID=0.0
	 !									ole PACM	1.15 0.0	
										140 71312	IC I AON	
	*******					 				1		
4					♦	↓	<u> </u>		↓			
 				EOB @	 	 	<u> </u>	<u></u>	_ <u> </u>	-		
				4' bgs						11		
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				4		<u> </u>						2
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					1							
										13		100
TYPE OF DRILLING RIG: GEOPROBE - 4X4 Mule												
Total Tech NOS, Inc.												NUS, Inc.
1.	OF SOIL SA		MACRO-CORE Co	ntinuous to 4'	' / 2' sample inf	lerval		_ Note: PACM = Potential	l achastas			
1	OF ROCK (N/A	TIGHT TO TO T	· = oampio ili		· · · · · · · · · · · · · · · · · · ·	_ PACM = Potential containir	i aspestos ng material]	-
1	WATER LE		110.5					_	.gcondi			
	BSERVATION		FID= D, PID= E	Flac	number 824	- in parking	lot on asphalt between 823 and 825	BORING NO.: 7	52	-	PAGE: 1	OF (
							· · · · · · · · · · · · · · · · · · ·	1 1 110 110 11 1			FAGE.	OF 1

	LOG FOR:		Raymark OU9 RI/	FS				BORING NO.:		753	
PROJECT			N1369					START DATE:		1/27/04	
LOGGED			C. Rousseau/Neb				TRANSCRIBED BY:DH	COMPLETION:		1/27/04	
		any/Driller):	Aquifer Drilling &	Testing/D. G	ooley			MON. WELL N		_N/A	
GRD. SU	RFACE ELI	EVATION:					ELEVATION FROM:	CHECKED BY:		_JL	
····	BLOWS	SAMP	SAMPLING	DEPOS.	700		1			N. 15	
DEPTH	PER	REC.	TIME	DEPTH MAT'L	SOIL DENŞITY/		MATERIAL		uscs	REMARKS	FIELD
(FEET)	6"	1	&	CHG./	CONSIS.		CLASSIFICATION	1	or	(moisture condition; odors; geological	SCREENING DATA
		SAMP	SAMPLE NO.	WELL	or ROCK	CLR			ROCK BRKN	classification; rock	METHOD =
0	NA	LENG.	(QA/QC STATUS)	PROF'L	HARD.					weathering; etc.)	[FID, (PPM)]
			SBP-SO-753-0002		Loose	Brown	0' - 0.8' - Frozen layer, topsoil, organics (r	oots, reeds), sand with silt	SM	Dry-moist	FID=7.0
		2.0'	Screening							No odor No visible waste	PID=0.0
		2.0'	_	1 -	1 1 1	Dark	0.8' - 2.0' - SAND with silt, fine-medium sar	nd, trace coarse sand,		NO VISIDIE Waste	
1		/	1/27/04 @ 1053			Brown	trace organics				Į.
·						1					<u> </u>
2						 	↓		♦ -		
			SBP-SQ-753-0204	1 /		Black	2.0' - 3.1' - SAND with silt and gravel, fine-	medium sand, trace	SM/Fill	Dry-moist	FID=523
		1.1'				(coarse sand, trace gravel, possi	ble ash, fibrous material,	1	Slight odor	PID=0.0
-		2.0'	Screening				PACM, organic material		 	Possible ash noted	115-0.0
3		/	1/27/04 @ 1110	1 0			1			PACM 2.5' - 3.1'	
<u> </u>	 -			1 (T		-		
					\vdash						
4				1 1	1		1				1
4				FOD O			<u> </u>				
				EOB @ 4' bgs							
				4 bga							<u></u>
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			L				<u> </u>				<u> </u>
	DRILLING F		GEOPROBE - 4X4	Mule						Tetra Tech	NUS, Inc.
METHOD OF ADVANCING BORING: DIRECT- PUSH								Note:			
METHOD OF SOIL SAMPLING: MACRO-CORE Continuous to 4' / 2' sample interval				erval		PACM = Potentia	l asbestos		■ - Ì		
METHOD OF ROCK CORING: N/A						containir	ng material		إسا		
GROUNDWATER LEVELS:											
OTHER O	BSERVATK	ONS:	FID= D PID:	= E	F	lag number	400	BORING NO.: 7	753	PAGE:	OF 1

	NO.: BY:	any/Driller): EVATION:	Raymark OU9 RI/ N1369 C. Rousseau/Neb Aquifer Drilling &	Dedic	ooley		TRANSCRIBED BY:DH	BORING NO.: START DATE: COMPLETION: MON. WELL N CHECKED BY:	O.:	754 1/27/04 1/27/04 N/A JL	
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION		USCS or ROCK BRKN	(moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
1		2.0'	SBP-SO-754-0002 Screening 1/27/04 @ 1142		Loose	Brown	0' - 0.2' - Snow packed 0.2' - 1.0' - Silty SAND, dry, organics, frozen lay	er, fine-medium sand	sм	Dry-moist No odor No visible waste Organics, roots, reeds	FID=0.0 PID=0.0
<u>'</u>			1721107 (6) 1172				1.0' - 2.0' - SAND with silt, fine-medium sand, so organics	ome silt, trace			
2		1.5'	SBP-SO-754-0204 Screening				2.0' - 3.1' - Silty SAND, fine-medium sand, with coarse sand	trace organics, trace		Dry-moist No odor Glass, paper, wood	FID=207 PID=0.0
3		,	1/27/04 @ 1150			Brown/ Black	3.1' - 3.5' - SAND with silt, fine-medium sand, so wood fragments, FID=207	ome silt, glass, paper	V SM/Fill	fragments	
4				EOB @	 	 			+		
				4' bgs							
4											
									\$		
METHOD (METHOD (METHOD) GROUND)	DRILLING F OF ADVANO OF SOIL SA OF ROCK O WATER LEV BSERVATIO	CING BORIN MPLING: ORING: /ELS:	GEOPROBE 4X4 G: DIRECT- PUSH MACRO-CORE Co N/A FID=D PID=	ntinuous to 4'		erval	375	BORING NO 7	754	Tetra Tech	NUS, Inc.

	NO.: BY:	ıny/Driller): EVATION:	Raymark OU9 RI N1369 C. Rousseau/Net Aquifer Drilling &	Dedic	ooley			RIBED BY:DH	BORING NO.: START DATE: COMPLETION: MON. WELL N CHECKED BY:	0.:	755 1/27/04 1/27/04 N/A JL	
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR		MATER CLASSIFIC	CATION	USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
1		1.7' 2.0'	SBP-SO-755-0002 Screening 1/27/04 @ 1205		Loose	Brown	0' - 1.2' -	Silty SAND, dry, frozen la	ayer, organics, roots, fine-medium	SM 	Dry-moist No odor	FID=9.0 PID=0.0
2							1.2' - 1.7' -	Silty SAND, dry, organics medium sand, plastic pie	s, roots, wood pieces, fine- ces	SM/Fill	Plastic	
		1.3' 2.0'	SBP-SO-755-0204 Screening				2.0' - 3.3' -	SAND with silt and grave trace coarse sand, trace	l, fine-medium sand, some silt gravel	SM	Dry-moist No odor No visible waste	FID=186 PID=0.0
3			1/27/04 @ 1210									
4				EOB @ 4' bgs	*	V		•		\		
METHOD (METHOD (DRILLING R OF ADVANC OF SOIL SA OF ROCK O	ING BORING MPLING: ORING:	GEOPROBE – 4X4 G: DIRECT- PUSH MACRO-CORE CO N/A		/ / 2' sample inte	erval					Tetra Tech	NUS, Inc.

Flag number 354

BORING LOG FOR:

Raymark OU9 RI/FS

FID=D

PID= E

OTHER OBSERVATIONS:

1 OF

PAGE:

BORING NO.: 755

BORING L			Raymark OU9 RI	/FS						BORING NO.:		756	
PROJECT			N1369							START DATE:	=	1/27/04	
LOGGED			C. Rousseau/Neb	Dedic			TRANS	CRIBED BY:I	DH	COMPLETION:	DATE:	1/27/04	
DRILLED	BY (Compa	any/Driller):	Aquifer Drilling &	Testing/D. G	ooley			·		MON, WELL NO	_	N/A	
GRD. SUF	RFACE ELE	EVATION:					ELEVAT	ΓΙΟΝ FROM:		CHECKED BY:	_	JL	
	D1 0140	04445	OAMEDI INIO								-	Seminary and Area - North North Anna - Area - North Anna - Area - North Anna - Area - Area - Area - Area - North Anna - Area - A	, · · · · · · · · · · · · · · · · · · ·
DEPTH	BLOWS PER	SAMP REC.	SAMPLING TIME	DEPTH	SOIL						uscs	REMARKS	FIELD
(FEET)	6"	I ILO.	&	MAT'L CHG./	DENSITY/ CONSIS.				IATERIAL		or	(moisture condition;	SCREENING
(,	,	SAMP	SAMPLE NO.	WELL	or ROCK	CLR		CLA	SSIFICATION		ROCK	odors; geological	DATA
0	NA	LENG.	(QA/QC STATUS)	PROF'L	HARD.	OLIV					BRKN	classification; rock weathering; etc.)	METHOD = [FID, (PPM)]
			SBP-SO-756-0002			-	0' - 0.3' -	Snow packed	· · · · · · · · · · · · · · · · · · ·			Dry	[[FIID, (PPM)]
		1.6'					0.3' - 1.6' -		nd gravel fine medi	um sand, some coarse	_	No odor	
		2.0'	Screening		Loose	Brown	1	sand, trace gravel, tra	ce organics. (roots	and reeds) plastic		Plastic	FID=0.0
1		/ - "	1/27/04 @ 1450					pieces, glass	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	, , , , , , , , , , , , , , , , , , ,	SW/Fill	Organics (roots and	PID=0.0
,			1127707 (8) 1700	4					1	····	_	reeds)	
											1 1		
					 -		ļ		ļ		_ _	1	
					1	\					1 1		
2				4		_			<u> </u>		▼ ·]_	
			SBP-SO-756-0204			Brown/	2.0' - 2.7' -	SAND with silt and gr	avel, fine- medium s	sand, trace gravel	SM	Dry-moist	FID=2.0
		1.6'	Screening			Black						No odor	PID=0.0
		2.0'	Corcorning			Gray	2.7' - 3.2' -	Rip-Rap, rock fragme	nts, powdered		GP	Rip-Rap material	
3			1/27/04 @ 1500										
						Brown	3.2' - 3.6' -	SAND with silt and gr	avel, fine-medium s	and, some silt, trace	SM		·
				1				gravel			1 1		
				1							 	i	
4						₩	1	Ţ			₩		
				EOB @	<u> </u>		· · · · · · · · · · · · · · · · · · ·						
				4' bgs									
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TYPE OF I			GEOPROBE - 4X4	Mule				· · · · · · · · · · · · · · · · · · ·		_		Tetra Tech	NUS, Inc.
		CING BORING											$\overline{}$
	OF SOIL SA		MACRO-CORE Co	intinuous to 4'	/ 2' sample inte	erval	·····						
	OF ROCK C		N/A				** *			-			▙▎▕
	VATER LEV		FIG. 0. 515							- 			
OTHER OF	SERVATIO	JNS:	FID= D PID=	= <u>E</u>	F	lag numbe	er 330			BORING NO.: 75		PAGE: 1	OF 1
											• •	7	tNUS Form 0018

BORING LO PROJECT N LOGGED B' DRILLED B' GRD. SURF	NO.: Y: Y (Compa		Raymark OU9 RI. N1369 C. Rousseau/Net Aquifer Drilling &	Dedic			TRANSCRIBED BY:	BORING NO.: START DATE: COMPLETION: DAT MON. WELL NO.: CHECKED BY:		7/04 7/04	
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	DE NS TY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION	R	OCK Cla	pisture condition; dors; geological assification; rock eathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
1		1.7'	SBP-SO-757-0002 Screening 1/27/04 @ 1520		Loose	Brown	0' - 1.0' - SAND with silt and gravel, fine-medium coarse sand, trace gravel, plastic	sand, some SV	W/Fill Dry No oc		FID=0.7 PID=0.0
						Black	1.0' - 1.4' - SAND with silt, fine-medium sand, som slag	e coarse sand, SM	WFilt		
2						Brown Orange	1.4' - 1.7' - Silty SAND, fine-medium sand		SM		
		2.0'	SBP-SO-757-0204 Screening			Brown	2.0' - 3.0' - SAND with silt and gravel, fine-medium coarse sand, trace gravel, plastic	sand, some SV	N/Fill Dry-m No oc Plasti		FID=78 PID=0.0
3			1/27/04 @ 1530			Brown/ Black	3.0' – 4.0' - SAND with silt, fine-medium sand, trace wood fragments	e coarse sand,			
4					₩				↓		
				EOB @ 4' bgs							
									_		
, -	-										
				-					<u> </u>		-
TYPE OF DR METHOD OF METHOD OF METHOD OF GROUNDW/ OTHER OBS	F ADVANO F SOIL SA F ROCK C ATER LEV	CING BORIN MPLING: ORING: /ELS:	MACRO-CORE Co N/A		/2' sample int	erval Flag numbe	r 306	BORING NO.: 757		Tetra Tech	E

BORING L			Raymark OU9 RI/	/FS			•	BORING NO.:		758	
PROJECT			N1369					START DATE:		1/27/04	
LOGGED		(D. M. A.	C. Rousseau/Neb				TRANSCRIBED BY:DH	COMPLETION: I		1/27/04	
		any/Driller):	Aquifer Drilling &	l esting/D. G	ooley			MON. WELL NO	.:	N/A	
GRD. SUF	RFACE ELE	EVATION:					ELEVATION FROM:	CHECKED BY:		JL	
	BLOWS	SAMP	SAMPLING	DEDTU	COII				_	47,14	3
DEPTH	PER	REC.	TIME	DEPTH MAT'L	SOIL DENSITY/		MATERIAL		USCS	REMARKS	FIELD
(FEET)	6"	/	&	CHG./	CONSIS.		CLASSIFICATION		or	(moisture condition; odors; geological	SCREENING DATA
		SAMP	SAMPLE NO.	WELL	or ROCK	CLR			ROCK BRKN	classification; rock	METHOD =
0	NA	LENG.	(QA/QC STATUS)	PROF'L	HARD.					weathering; etc.)	[FID, (PPM)]
1			SBP-SO-758-0002	1	Loose	Brown	0' - 0.4' - Organics, topsoil, grass, roots, silty sand		SM	Dry-maist	FID=18.2
		1.8'	Screening			Red	0.4' - 0.7' - Silty SAND, fine-medium sand, trace coa			No odor	PID=0.0
1		2.0'	1/27/04 @ 1550			Brown	0.7' - 1.3' - SAND with silt and gravel, fine-medium s sand, trace gravel	and, some coarse		Shell fragments	
<u> </u>			1127704 (@ 1000	-		1:-54					
1						Light	1.3' - 1.8' - SAND with silt, fine-medium sand, shell f	ragments	1		
				1	<u> </u>	Brown					
2				_			<u> </u>				
			SBP-SO-758-0204	1		Brown	2.0' - 2.6' - SAND with silt and gravel, fine-medium s	and, some coarse	SW	Dry-moist	FID=41.0
		1.8'	Screening				sand, trace gravel			Organic odor	PID=0.0
		2.0'	Goreening				2.6' - 3.0' - Rock fragments		GP	No visible waste	
3			1/27/04 @ 1605	1 2			l .				1
				1 1		Black	3.0' - 3.8' - SAND with silt and gravel, fine-medium s	and, some coarse	SW		
							sand, trace gravel				i
4					↓						
				EOB @							
1				4' bgs							
											·
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				1 1	<u> </u>				_		
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TVDE OF	DRILLING F	NG.	GEOPROBE 4X4	Mule							
		ag. CING BORIN		HILLIG				_		Tetra Tech	NUS, Inc.
	OF SOIL SA		MACRO-CORE Co	natinuous to 4'	1/2' sample int	erval		_			
1	OF ROCK (N/A	Idvao 10 4	, 2 dampio inte			-			<u>-</u>
1	WATER LE		1011					-			
OTHER OBSERVATIONS: FID= D , PID= E					Flag nur	mber 825 -	In grass between sand piles, parking lot area	BORING NO.: 75	8	PAGE: 1	OF 1
							1 7/E	1 =		r AGE.	OF 1

BORING L	OG FOR:		Raymark OU9 RI/	FS			BORING	NO.:	759	
PROJECT	NO.:		N1369				START I		1/29/04	
LOGGED	3Y:		K. Jalkut	•••	-			TION: DATE	· · · · · · · · · · · · · · · · · · ·	
DRILLED I	3Y (Compa	ny/Driller):	ADT/D. Gooley		·			ELL NO.;	N/A	
GRD. SUR	٠						ELEVATION FROM: CHECKE		JL	<u> </u>
				J	Direction of the second	g ganggenerature				
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP	SAMPLING TIME & SAMPLE NO.	DEPTH MAT'L CHG./ WELL	SOIL DENSITY/ CONSIS. or ROCK	CLR	MATERIAL CLASSIFICATION	USCS or ROCK	REMARKS (moisture condition; odors; geological classification;	FIELD SCREENING DATA
0	N/A	LENG.	(QA/QC STATUS)	PROF'L	HARD.	CLIX	Grass surface	BRKN	rock weathering; etc.)	METHOD = [FID, (PPM)]
			SBP-SO-759-0002				SAND, some silt, fine-medium sand, poorly graded, organic roots		Grass/root plug = 3" (frozen)	[FID, (FFIN)]
		1.7'			Frozen	Brown	1	SM/Fill	No visual PACM/waste	FID = 0.3
		2'	Screening	[No geomembrane	1.5 0.0
1	-	/	1/29/04 @ 0900				↓			PID = 0.0
				1	Loose	Tan-	SAND, trace silt, trace gravel, fine-medium sand, trace coarse san	d, SP/Fill	(coarser than above)	118 - 0.0
				1	1	Gray	poorly graded, fine and coarse gravel, subround to 1", rock	, , , , , , , ,	1	FID = 1,7
						1 1	Fragments (trap rock) at 1.5' - 1.7'	1 L	damp at approximately 1.5' No visual PACM/waste	110 - 1.7
2					▼	↓		- ▼	No geomembrane	DID = 0.0
-			SBP-SO-759-0204	-		<u> </u>	Silty SAND, some gravel, fine-medium sand, poorty graded fine ar	d		PID = 0.0
		1.2'	CB1 CC 700 020 7	1	Soft	Brown	coarse gravel to 1", subrounded, organic material	SM/Fill	Poor recovery (due to rock fill at end)	55 000
		2'	Screening		1	DIOWII	Similar to above with fill (glass, metal, road chunks, ash, organics)	SIVIFIII	Saturated at 2'	FID = 36.3
,		/ *	1/29/04 @ 0905		<u> </u>	Diani	Similar to above with hir (glass, metal, road chunks, ash, organics)	1 L	No visual PACM or waste	
3			1/29/04 @ 0905	4		Black			No geomembrane	PID = 0.0
				ļ	Dense	l	Fill = concrete pieces/glass/wood			İ
				1	(fill)	Red		Fill		FID = 5.6
					?	?	? (Poor recovery)			-
4				FOR	▼					PID = 0.0
<u> </u>				EOB @			EOB @ 4' bgs - Backfill with Bentonite chips (4' -1') and topsoil (1'-	03		
				4' bgs			1 - 1) and topson (1 -	°,		
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	DRILLING I		GeoProbe – track-me	ounted (rig 4)			Notes:		Tetra Tech	NUS, Inc.
		CING BORIN								
	OF SOIL S		Macro - Core; Open	tube, continuo	ous sampling to	o 4' in 2' int	ervals PACM	 Potential as 		▙▎
	OF ROCK		N/A					containing r	naterial 📕	L
GROUND'	WATER LE	VELS:	Not Encountered							

OTHER OBSERVATIONS:

Phase I. Flag No. 826; former Landfill area

1 OF

PAGE:

BORING NO.:

759

	NO.: BY: BY (Compa	any/Driller): EVATION:	Raymark OU9 RI N1369 K. Jaikut ADT/D. Gooley	I/FS		·	TRANSCRIBED BY: LAH COMF MON.	NG NO.; T DATE: PLETION: DAT WELL NO.: KED BY:	760 1/29 E: 1/29 N/A JL		
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS) SBP-SO-760-0002	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR Brown	MATERIAL CLASSIFICATION Grass surface SAND, some silt, trace gravel, fine-medium sand, poorly graded,	USCS or ROCH BRKN	(moisture K geologio N rock w	EMARKS condition; odors; cal classification; eathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
1		2' 2'	Screening and Confirmation 1/29/04 @ 0830		Frozen Loose	Tan- Brown	gravel to ½" subrounded, organic roots Silty SAND, some gravel, fine-coarse sand, well graded, fine-coargravel ½-1¼", subrounded, slate pieces	SM/Fi	(frozen) No visual PACM/wa	asbestos fibers/ aste	FID = 1.0 PID = 0.0
2		4.01	SBP-SO-760-0204	- -	Dense ▼ Soft	Black	Silty SAND, some gravel, similar to above with glass, wood chunks, rock fragments Silty SAND, some gravel, some organics, fine-medium sand, por		damp Poor reco		FID = 59
3		1.2' 2'	Screening 1/29/04 @ 0840				graded, fine-coarse subrounded gravel to 1", wood chunks, glass metal, ash, burned material, degraded newspaper ? (poor recovery)	5,	── Saturated	ed soil & fill l at 2' PACM or waste	FID = 75 PID = 0.0
4				EOB @	V	•		1			FID = 100
				4' bgs			EOB @ 4' bgs - Backfill with Bentonite chips (4' -1') and topsoil ((1'- 0')			
4											
				-					*		
	DRILLING I	RIG: ICING BORIN	GeoProbe – track-n	nounted (rig 4))		Note			Tetra Tech	NUS, Inc.
METHOD	OF SOIL S. OF ROCK ! WATER LE	CORING:	Macro – Core; Oper N/A Not Encountered	n tube, continu	ious sampling t	io 4' in 2' in	tervals PAC	CM = Potential a containing			L)

OTHER OBSERVATIONS:

Phase I. Flag No. 827; former Landfill area - golf course

1 OF

PAGE:

BORING NO.:

760

BORING I	OG FOR:		Raymark OU9 RI/	FS					BORING NO.:		761		
PROJECT	NO.:		N1369						START DATE:		1/29	/04	
LOGGED	BY:		K. Jalkut				TRANSCRIBED BY: LA	4 Η	COMPLETION	: DATE:	1/29	/04	
DRILLED	BY (Compa	any/Driller):	ADT/D. Gooley						MON. WELL N	IQ.;	N/A		
GRD. SUF	RFACE ELE	EVATION:					ELEVATION FROM:		CHECKED BY	:	JL		
									And the second s				
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	CLAS Grass surface	ATERIAL SIFICATION		USCS or ROCK BRKN	(moistu geolog	REMARKS re condition; odors; ical classification; weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		1.9'	SBP-SO-761-0002 Screening		Frozen	Red- Brown Tan-	SAND, some silt, trace gravel, gravel to ½" subrounded, organ	fine-medium san nic roots	d, poorly graded fine	SM/Fill		ot plug = 3" (frozen I PACM/waste or brane	
1		/ 2	1/29/04 @ 1125		Dense	Gray	SAND, fine-medium, poorty gra	ded, seashells		SP/Fill	damp		PID = 0.0
					Loose						No visua geomem	I PACM/waste or brane	
2			SBP-SO-761-0204	-		 		_			<u> </u>		
		1.8'	Screening		<u></u>	Brown	SAND, similar to above, less s	eashells			No visibl geomem	e PACM/waste or brane	FID = 4.9
	2' 1/29/04 @ 1130				Dense	Dark brown	1x2" silty fine SAND layer			SM/Fill			
3			1/29/04 @ 1130	-	Loose	Black	FILL, Burn layer, sand, trace si			Fill			PID = 4.6
						Brown	Poorly graded, wood, roots, un SAND, similar to above, trace		ed material	SP/Fill	damp		FID = 10.3
						Red/tan	FILL, 3" Ash/glass interval			Fill	_		
4				EOB @		Brown	SAND, some gravel, fine-medi			SP/Fill		·····	PID = 10.6
				4' bgs			Fine-coarse subrounded grave	rio i , organic m	ateriai				
							EOB @ 4' bgs - Backfill with Be	ntonite chips (4'	-1') and topsoil (1'- 0')				
				_	<u> </u>	ļ							
,													
										8			
						_	<u> </u>						
													
TYPE OF	TYPE OF DRILLING RIG: GeoProbe – track-mounted (rig 4)							Notes:			Tetra Tech	NUS, Inc.	
METHOD	METHOD OF ADVANCING BORING: Direct - Push				· · · · · · · · · · · · · · · · · · ·						$\overline{}$		
METHOD	METHOD OF SOIL SAMPLING: Macro – Core; Open tube, continuous sampling to 4			to 4' in 2' interv	vals		PACM = Pot			[L Ì		
METHOD OF ROCK CORING: N/A						cor	itaining n	alendi	ļ ■ 1	G			
GROUND	GROUNDWATER LEVELS: Not Encountered												
OTHER C	BSERVATI	ONS:	Phase I. Flag No. 82	8; former Land	dfill area – golf	f course			BORING NO.	: 761		PAGE:	1 OF 1

TtNUS Form 0018

BORING L	OG FOR:		Raymark OU9 RI/I	FS			I	BORING NO.:		762			
PROJECT	NO.:		N1369					START DATE	:	1/29/0	4		
LOGGED	BY:		K. Jalkut		·		TRANSCRIBED BY: LAH	COMPLETION	N: DATE:	1/29/0	4		
DRILLED I	BY (Compa	any/Driller):	ADT/D. Gooley					MON. WELL I	NO.:	N/A			
GRD. SUF	RFACE ELE	VATION:						CHECKED BY		JL			
									•				_
DEPTH (FEET)	BLOW\$ PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION Grass surface		USCS or ROCK BRKN	(moisture o	MARKS condition; odors; I classification; athering; etc.)	FIELD SCREENI DATA <i>METHOL</i> [FID, (PPI	iNG D =
			SBP-SO-762-0002		Frozen	Brown	SAND, trace silt, fine-medium sand, poorly graded		SP/Fill	Grass/root	plua = 2"	[[D, (I T	¥1)}
		2' /2'	Screening		Loose	Tan-	SAND, fine-medium sand, poorly graded, shells, glass sl	hards			ACM/waste or	FID = 0.0	
1			1/29/04 @ 1145	1						damp		PID = 0.0	
						↓				Dry. No vis PACM/was			
2			*			Black	Similar to above (color change)		\ \	geomembra			
			SBP-SO-762-0204			Gray-	SAND, trace silt				CM/waste at		
		1.5'	Screening			Brown	2.3' - PACM (0.5" thick) clumpy compressed material wit		SP/Fill	approximat (in 1/2" inte	ely 2.3' and 3.3'	FID = 4.3	
3						Sand, trace silt, trace gravel at 3' - coarse subrounded gr	ravel to 1"		(11.172 11.10	· vais)	PID = 0.0		
							PACM at 3.3' - clumpy compressed material with fibers			Damp			
							Sand, trace silt, glass shards, organics					FID = 2.2	
4					↓	Tan- Brown			\			PID = 1.5	
				EOB @ 4' bgs			EOB @ 4' bgs - Backfill with Bentonite chips (4' -1') and t	topsoil (1'- 0')	_	_			
-													
				1									
				-									
		:											
		•		,									
				1					3				
					-								
TYPE OF	DRILLING	RIG:	GeoProbe – Track m	nounted (rig 4))			Notes:			Tetra Tech	NUS. Inc.	
METHOD	OF ADVAN	ICING BORIN	NG: Direct - Push					_					
METHOD	OF SOIL S	AMPLING:	Macro - Core; Open	tube, continu	ous sampling to	4' in 2' inte	ervals	PACM = Po	tential asb	pestos	(.)	
METHOD OF ROCK CORING: N/A								- co	ntaining m	naterial			
GROUNDWATER LEVELS:			Not Encountered					-				ン	
OTHER C	BSERVATI	ONS:	Phase I. Flag No. 82	9; former Lan	dfill area golf	course		BORING NO).: 7 62		PAGE;	1 OF	1

BORING L	ORING LOG FOR: Raymark			RI/FS			BORIN	IG NO.:	763	
PROJECT	NO.:		N1369					ΓDATE:	1/29/04	
LOGGED	BY:		K. Jalkut					LETION: DATE	-	
DRILLED	BY (Compa	any/Driller):	ADT/D, Gooley					WELL NO.:	N/A	
	RFACE ELE							KED BY:	JL	
			· · · · · · · · · · · · · · · · · · ·	Day.			CHEC	NED DI.	JL	
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP	SAMPLING TIME & SAMPLE NO.	MAT'L CHG./ WELL	DENSITY/ CONSIS.	CI D	MATERIAL CLASSIFICATION	USCS or ROCK	(moisture condi geological clas	ition; odors; SCREENING ssification; DATA
0	N/A	LENG.	(QA/QC STATUS)	PROF'L	or ROCK HARD,	CLR	Grass surface	BRKN	rock weather	ing; etc.) METHOD =
		1.9'	SBP-SO-763-0002 Screening		Frozen	Brown	SAND, some silt, trace gravel, fine-medium sand, trace coarse sa poorly graded, fine-coarse gravel to 1" subrounded, glass shards,	nd, roots SM/Fill		FID = 6.0
1		/2'	1/29/04 @ 1430		Loose		SAND, trace silt, trace gravel, fine-medium sand poorly graded, fine gravel to ½" subrounded, glass shards, organic roots, seashe	SP/Fill	No visual PACN geomembrane	N/waste or PID = 0.0
						<u></u>			Dry	FID = 0.0
2			★ SBP-SO-763-0204			Dark Brown	- increased silt at end of macrocore	SM/Fill		PID = 3.0
		1.8'	Screening				SAND, some silt, trace gravel, fine-medium sand, mostly poorly graded, fine-coarse gravel to 1" subrounded Similar to above with coarse quartz gravel (approximately 1.5"); pl	actio	Damp No visual PACN geomembrane	M/waste or FID = 0.0
3		/ -	1/29/04 @ 1440			-	debris Similar to above with glass shards	asuc		PID = 0.0
						Tan-gray	SAND, fine-medium sand, poorly graded, seashells	↓ SP/Fill	_	FID ≃ 2
4			₩	EOB @ 4' bgs	Denser	Black	Silty SAND, fine-medium sand, poorly graded, organic roots/wood (burned), glass shards	SM/Fill	I Damn	PID = 12
				T Ugo			EOB @ 4' bgs - Backfill with Bentonite chips (4' -1') and topsoil ('- 0')	_	
									_	
			- · · · · ·							
									_	
	. ,								\$	
	DRILLING I		GeoProbe Track	mounted (rig	4)		Note:	s:		Tetra Tech NUS, Inc.
METHOD OF ADVANCING BORING: Direct - Push										
METHOD	OF SOIL S	AMPLING:	Macro – Core; Ope	en tube, conti	nuous sampling	to 4' in 2' ir	ntervals PAC	M = Potential a		(
METHOD	METHOD OF ROCK CORING: N/A					containing	шателаі			
GROUND	WATER LE	VELS:	Not Encountered							
OTHER C	BSERVATI	ONS:	Phase I. Flag No. 8	830; former La	andfill area – go	olf course	BOR	ING NO.: 763	3	PAGE: 1 OF 1

BORING L	.OG FOR:		Raymark OU9 RI/	FS .				BORING NO.:		76	34		
PROJECT	NO.:		N1369				·	START DATE:		1/	29/04		
LOGGED	BY:		K. Jalkut			-	TRANSCRIBED BY: LAH	COMPLETION:	DATE:		29/04		
DRILLED	BY (Compa	any/Driller):	ADT/D. Gooley					MON. WELL NO	D.:		/A		
	RFACE ELE						ELEVATION FROM:	CHECKED BY:		JI			
				pro. 000000000000000000000000000000000000									
- FPT:	BLOWS	SAMP	SAMPLING	DEPTH	SOIL				USCS		REMARKS	FIEL	D
DEPTH (FEET)	PER 6"	REC.	TIME &	MAT'L	DENSITY/	1	MATERIAL		or	(1	noisture condition;	SCREE	
(1 == 1)		SAMP	SAMPLE NO.	CHG./ WELL	CONSIS. or ROCK	CLR	CLASSIFICATION		ROCK		odors; geological	DAT	
0	N/A	LENG.	(QA/QC STATUS)	PROF'L	HARD.	CLK	Grass surface		BRKN		classification; rock weathering; etc.)	METHO	
			SBP-SO-764-0002	1	Frozen	Red-	SAND, some silt, trace gravel, fine-medium sand, trace of	coarse sand.	SM/Fil		ss/root plug = 2.5"	[FID, (P FID = 0.0	
		2.0'			1	Brown	poorly graded, fine gravel 1/4-1/2" subrounded, organic				visible PACM/waste	PID = 0.0	
		2.0'	Screening]		"			_	— or g	eomembrane	T 10 - 0.0	
1			1/29/04 @ 1615		♦	♦				11.1			
			1	1	•		SAND, some gravel, fine-medium sand, trace coarse sar	nd poorly graded	SP-GP	, -			
					Dense	Brown	fine-coarse gravel to 1" subrounded rock chips/ fragment	ts, plastic debris	Fill				
			1		Loose	Black							
2			▼	1	1	I	SAND, trace gravel, fine-medium sand, poorly graded fit subrounded	ne gravel to 1/2"	SP/Fill			▼	
			SBP-\$0-764-0204	1	 	╁┄╁╌			SP/Fill				
		2.0'		1	1 1	↓	SAND, trace silt, trace gravel, similar to above, with more 1 ¼", organic material (trace wood)	e coarse gravel to	LΙ			FID = 2.0	
		2.0'	Screening and confirmation	ì		<u> </u>	1 74 ; Organic material (lidee Wood)		OLAZE:			PID = 0.0	
3		7 2.0	1/29/04 @ 1620		Dense	Black-	SAND some silt trace ground fine medium send trace		SM/Fit			FID = 86	
			1/23/04 (@ 1020	4	Delise	Brown	SAND, some silt, trace gravel, fine-medium sand, trace fine gravel to ½" subrounded, organic roots, reeds, glass					PID = 0.0	
İ						BIOWII	material, newspaper (burned)	5 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		\mathbf{I}	Damp-wet (fines) at	FID = 36	
<u>. </u>								·	$-\perp$	-1 ↓	approximately 3'	PID = 0.0	
			↓		♦	₩	↓		ΙL	1		FID = 19	
4				 	-	ļ	V					PID = 0.0	<u>) </u>
				EOB @			EOB @ 4' bgs - Backfill with Bentonite chips (4' -1') an	ed townsil (41, Ot)		1			
				4' bgs			ECO (@ 4 Dgs - Backilli with Beritorlite Chips (4 -1) an	id topsoli (1 - 0)		_			
				4		ļ							
				1)	1			
				i						_			
				1						_L			
										1			
						•			,	7		-	
				_						1			
										1			
										7			
										1			
	RILLING R		GeoProbe – Track m	nounted (rig 4)	· · · · · · · · · · · · · · · · · · ·			Note:			Tetra Tech	NUS, Inc	;.
		ING BORING						PACM = Poten				<u> </u>	
	OF SOIL SA		Macro – Core; Open	tube, continue	ous sampling t	0 4' in 2' in	tervais	conta FID = B	aining ma	iterial		⊢l	
METHOD OF ROCK CORING: N/A ORIGINAL MATERIAL FOR ITS SERVICE								PID = B			[• [إسا	
	GROUNDWATER LEVELS: Not Encountered OTHER OBSERVATIONS: Phase I. Flag No.				dfill area a-lf	nource.		BORING NO					
OTHER OF	SOEKVATIC	MO:	rnase I. riag No. 63	z, ioiniei Land	um arta – goli	COUISE		I BURING NO.:	764		PAGE:		4

BORING L	OG FOR:		Raymark OU9 R	I/FS				BORING NO.:		765		
PROJECT	NO.:		N1369					START DATE:		2/3/04		
LOGGED	BY:		J. Lambert				TRANSCRIBED BY:DH	COMPLETION:	DATE:	2/3/04	<u> </u>	
DRILLED	BY (Comp	any/Driller):	Aquifer Drilling &	Testing/ Ro	b Ullmann			MON. WELL N	O.:	N/A		
		EVATION:					ELEVATION FROM:	CHECKED BY:		JD		
							, , , , , , , , , , , , , , , , , , , ,		Proposed to the proposed to the	~	raverses esserting that the state of	
	BLOWS	SAMP	SAMPLING	DEPTH	SOIL				USCS	R	EMARKS	FIELD
DEPTH (FEET)	PER 6"	REC.	TIME &	MAT'L	DENSITY/		MATERIAL		or		ture condition;	SCREENING
(PEEI)	°	SAMP	SAMPLE NO.	CHG./ WELL	CONSIS. or ROCK	CLR	CLASSIFICATION		ROCK		s; geological ification; rock	DATA METHOD =
0	N/A	LENG.	(QA/QC STATUS)	PROF'L	HARD.	CLK	0.0' - 0.3' - Grass/roots		BRKN		thering; etc.)	[FID, (PPM)]
			SBP-SO-765-0002	1 1101 -	Slightly	Brown	0.3' - 0.9' - Silty fine SAND, trace coarse sand		SM	Moist	alcing, etc.)	PID=0.0
		1.8'		1	Dense	₩	0.0 - 0.0 - Only line of the party accessors said		ψ,,,,	I		FID=8.5
		/	Screening and Confirmation		Deliac		OOL 451 Fire reserve CAMP gives of class		CVARCH			1 ID=0.5
		2.0°		1		Gray-	0.9' - 1.5' - Fine-coarse SAND, piece of slag		SW/Fill			
1			2/3/04 @ 0855	4		Brown						
1									V			
						Tan	1.5' - 1.8' - Fine-medium SAND, trace angular-subar	ngular fine gravel	SP			
2						1			li i			
			SBP-SO-765-0204	1			0.0' - 0.2' - Similar material to above					PID=0.0
		1.2'	05, 00,100,020,		}	. ↓						FID=135.0
<u> </u>		2.0'	Screening			Yellow	0.2' - 0.3' - Reed and wood fragments and decompo	cod papar	Fill			115 100.0
		/ 2.0	2000			renow	0.2 - 0.5 - Reed and wood fragments and decompo	sed paper	FIII			
3			2/3/04 @ 0905	4						L		ļ
1				1		Dark	0.3' - 0.6' - Silty fine SAND, some organics (roots), t	race glass	SM/Fill			
					₩	Brown				Wet		
					Slightly		0.6' - 1.2' - Silty fine SAND and wood fragments, so	me glass				
4					Loose	\			♦			
				EOB @								
	 -			4' bgs								
<u> </u>				T bgs					_			
1						-			1			
				4								
1				i								
							ļ					
				<u> </u>								
				1		-						
	<u> </u>											
												
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			<u> </u>	4	 -				-			
<u></u>												L
										-		
					<u> </u>				1			
	DDU :	510	OFORDORE T	male menual-	l (rig 2)						T. (= :	A# 10 :
TYPE OF			GEOPROBE - Tr	ack- mounted	ı (rig 2)						Tetra Tech	NUS, Inc.
1		NCING BORI		5	_4!	A- 4 6 1:	O Se addindancella					$\overline{}$
E		SAMPLING:	MACRO-CORE	Open tube co	nunuous sampl	es to 4 feet in	1 Z TOOT INTERVAIS	_				-
		CORING:	_N/A					_			[•	-
i .	WATER L							1				
OTHER O	BSERVAT	IONS:	Phase I FID= I	O PID=	D Flagr	number 833	Former Landfill area – golf course	BORING NO.:	765		PAGE: ^	OF 1

BORING LO PROJECT I LOGGED B DRILLED B GRD. SURI	NO.: Y: Y (Compa		Raymark OU9 RI/ N1369 Neb Dedic AQUIFER DRILLI		NG/ D. Goole	<u></u>			IBED BY:	DH	BORING NO.: START DATE: COMPLETION: MON. WELL NO CHECKED BY:		≣;	766 2/3/04 2/3/04 N/A JL	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO: (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.		_R			MATERIAL CLASSIFICATION		USC OI ROC BRI	r CK	(moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		1.8'	SBP-SO-766-0002		Soft	Dark E	Brown	Silty SAM	ID 			SM	<u>v</u>	Dry, paper	FID=0.0 PID=0.0
1 -			2/3/04 @ 0930	1									_		ļ
2		2.0'	SBP-SO-766-0204			Da Bro		Silty SAN	ID, trace grav	vel			-	Dry, glass pieces, fill, paper	FID=0.0
3		2.0'	2/3/04 @ 1000					Olly Gra	is, adoc grav				_	paper	PID=0.0
						Bro Dark I		Some iro	n staining						
4				EOB	<u> </u>			-				1	_		
-				@ 4' bgs							·		_		
		-					-						4		ļ
		•							<u>.</u>				-		-
,-					 ,				·				-		
									······································				,		
TYPE OF D METHOD O METHOD O GROUNDW	F ADVANG F SOIL SA F ROCK C ATER LEV	CING BORIN MPLING: :ORING: /ELS:	GEOPROBE- 4x4 M G: DIRECT – PUSH MACRO-CORE N/A Phase 1 0'-2' and		Sample sur	abor 76°	Eloa -	umber 904				66			NUS, Inc.

BORING I PROJECT LOGGED DRILLED GRD. SUF	`NO.: BY: BY (Compa	any/Driller):	Raymark OU9 Rl. N1369 Neb Dedic Aquifer Drilling &		ooley			. ANSCRIBED BY: EVATION FROM:		BORING NO.: START DATE: COMPLETION MON. WELL N CHECKED BY:	: DATE: O.:	767 2/3/04 2/3/04 N/A JL	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR			MATERIAL CLASSIFICATION		USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
1		1.5' 2.0'	SBP-SO-767-0002 Screening 2/3/04 @ 1005		Soft	Brown	SAI	ND with silt, gravel			SM	Dry, wood chips, roots	FID=0.0 PID=0.0
2	-						Silt	y SAND					
3		1.4' 2.0'	SBP-SO-767-0204 Screening 2/3/04 @ 1010									Dry	FID=0.0 PID=0.0
4								•					
				EOB @ 4' bgs									
1													
											\$		
METHOD		CING BORIN		Mule	ļ							Tetra Tecl	n NUS, Inc.
METHOD GROUND	METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: MACRO-CORE N/A ROUNDWATER LEVELS: DTHER OBSERVATIONS: Phase I 0'-2' and 2' - 4' intervals: samp						umber 3	17		BORING NO.: 7	767 <u>.</u>	PAGE:	t 1 OF 1

PROJECT LOGGED DRILLED	ORING LOG FOR: ROJECT NO.: OGGED BY: RILLED BY (Company/Driller): RD. SURFACE ELEVATION: BLOWS SAMP DEPTH PER REC. (FEET) 6" /		Raymark OU9 RI N1369 Neb Dedic Aquifer Drilling &		iooley		TRANSCRIBED BY:	MON. WELL NO.:	768 2/3/04 E: 2/3/04 N/A JL	
DEPTH (FEET)	PER	REC.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIA CLASSIFICA	TION RO	REMARKS or (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
1		1.3'	SBP-SO-768-0002 Screening 2/3/04 @ 1025			Brown	Silty SAND	\$	SM Top frozen Dry Plastic bags	FID=0.0 PID=0.0
2										
		0.8' 2.0'	SBP-SO-768-0204 Screening						Moist Plastic, wood chips, fill material	FID=0.0 PID=0.0
3			2/3/04 @ 1030							
4				EOB @ 4' bgs		•	V		*	
,						,	•			
				_			,		\$	
METHOD METHOD METHOD	TYPE OF DRILLING RIG: METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: GROUNDWATER LEVELS:		GEOPROBE – 4X4 IG: DIRECT- PUSH MACRO-CORE N/A	Mule					Tetra Tech	NUS, Inc.
1	BSERVATION		Phase I 0'-2' and	d 2'-4' interval	s: sample numi	ber 768	Flag number 329	BORING NO.: 768.	PAGE: 1	OF 1

BORING L PROJECT LOGGED I DRILLED I GRD. SUR	NO.: 3Y: 3Y (Compa		Raymark OU9 Rt/ N1369 Neb Dedic Aquifer Drilling &		ooley		TRANSCRIBED BY:DH	BORING NO.: START DATE: COMPLETION: DATI MON. WELL NO.: CHECKED BY:		3/04 3/04	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATIO	ON ROBER	CK cli	REMARKS noisture condition; ndors; geological assification; rock veathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
1		1.0' 2.0'	SBP-SO-769-0002 Screening 2/3/04 @ 1038		Soft	Brown	Silty SAND	S	M Top t	frozen	FID=0.0 PID=0.0
2					-	Light Brown	SAND with silt				
3		1.7'	SBP-SO-769-0204 Screening 2/3/04 @ 1045				•		Dry		FID=0.0 PID=0.0
4						Gray/Brown	Bottom 8" of sleeve – color change only		,		
4				EOB @ 4' bgs							
		-									
				-					3		
TYPE OF I	ORILLING F	IIG:	GEOPROBE – 4X4	Mule						Tetra Tech	NUS, Inc.
METHOD (METHOD (GROUND)	OF ADVANC OF SOIL SA OF ROCK C VATER LEV BSERVATIO	ORING: /EL\$:	G: DIRECT- PUSH MACRO-CORE N/A Phase I 0' - 2' and	1 2' – 4' interv	als: Samole n	umber 769 Fi	ag number 311	BORING NO.: 769		PAGE: 1	E

PROJECT LOGGED DRILLED			Raymark OU9 RI/ N1369 Neb Dedic Aquifer Drilling &		ooley		RANSCRIBED BY:DH	BORING NO.: START DATE: COMPLETION: MON. WELL N CHECKED BY:	0.:	770 2/3/04 2/3/04 N/A JL	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOII. DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION	N	USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
1		1.6'	SBP-SO-770-0002 Screening 2/3/04 @ 1050		Soft	Brown	Silty SAND, with gravel/fill		SM	Top frozen Dry, Black organic Moist	FID=0.0 PID=0.0
2		-			Medium Soft	Brown/Black Gray	Silty SAND Bottom 4" silty CLAY		ML.		
3		1.5' 2.0'	SBP-SO-770-0204 Screening 2/3/04 @ 1055			Gray - Brown	Top 2" SILT with sand		SM	Moist Fill material	FID=0.0 PID=0.0
			2004 @ 1000			Brown					
4				EOB @ 4' bgs	*				•		
,											
									*		
77/05 05			GEOPROBE – 4X-	1 Mula						T-4 T-	h AW/O /ma
METHOD METHOD METHOD GROUND	DRILLING F OF ADVAN OF SOIL SA OF ROCK O WATER LE	CING BORIN AMPLING: CORING: VELS:			s: Sample num	ber 770, Flag N	lumber 835	BORING NO.:	770.	PAGE:	h NUS, Inc.

PROJECT LOGGED DRILLED			Raymark OU9 RI N1369 Neb Dedic Aquifer Drilling &		ooley		TRANSCRIBED BY:	BORING NO.: START DATE: COMPLETION: DATE: MON. WELL NO.: CHECKED BY:	771 2/3/04 2/3/04 N/A JL
DEPTH (FEET)			SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION	USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.) FIELD SCREENING DATA METHOD = [FID, (PPM)]
1		1.5'	SBP-SO-771-0002 Screening 2/3/04 @ 1150		Soft	Brown	Silty SAND	SM	Top frozen Dry, fill material present FID=0.0 PID=0.0
2					-				
• • • • • • • • • • • • • • • • • • • •		1.4' 2.0	SBP-SO-771-0204 Screening						Dry, fill material FID=63 PID=21
3			2/3/04 @1200	-		Gray/ Black			
4				EOB @ 4' bgs	*	→			
,								\$	
		,							
METHOD (METHOD (GROUND)	OF ADVAN OF SOIL SA OF ROCK (CING BORIN AMPLING: CORING: VELS:	MACRO-CORE N/A	4 Mule	ais: Samoie n	Jumber 771	Flag number 621	BORING NO.: 771 .	Tetra Tech NUS, Inc. PAGE: 1 OF 1

PROJECT LOGGED DRILLED			Raymark OU9 RI/ N1369 Neb Dedic Aquifer Drilling &		ooley			CRIBED BY:DH	BORING NO.: START DATE: COMPLETION: I MON. WELL NO CHECKED BY:		772 2/3/04 2/3/04 N/A JL	
DEPTH (FEET)			SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR		MATERIAL CLASSIFICATION		USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
1		1.4'	SBP-SO-772-0002 Screening 2/3/04 @ 1210		Soft	Brown Light Brown		SAND (top 4")) with silt		SM	Dry Rock fragments, Fill material	FID=0.0 PID=0.0
2		1.6'	SBP-SO-772-0204 Screening			Black/Gray Gray					Black (approximately 6" organic) Dry	FID=19 PID=0.0
3			2/3/04 @ 1215	_							Fill material	
4				EOB @ 4' bgs	+	+	,			→		
,												
										\$		
METHOD METHOD METHOD GROUND	DRILLING F OF ADVAN OF SOIL SA OF ROCK (WATER LE' BSERVATIO	CING BORIN AMPLING: CORING: VELS:	MACRO-CORE N/A		als; Sample nu	umber 772 F	Flag Num	ber 674	BORING NO.: 77	2.	PAGE: 1	E

	NO.: BY:	any/Driller): EVATION:	Raymark OU9 RI/ N1369 Neb Dedic AQUIFER DRILLI		NG/D. Goole		TRANSCRIBED BY:	BORING NO.: START DATE: COMPLETION: DATE: MON. WELL NO.: CHECKED BY:	773 2/3/04 2/3/04 N/A JL	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION	USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		1.7'	SBP-SO-773-0002 Screening		Soft	Dark Brown	Silty SAND	SM	Top frozen Dry	FID=0.0 PID=0.0
1			2/3/04 @ 1405							
2		1.8'	SBP-SO-773-0204	_		Dark Brown	Silty SAND		Dry, glass pieces	FID=0.0 PID=0.0
3		2.0'	2/3/04 @ 1410	-		Light Brown Dark Brown	SAND with silt			
4					\	 	\	1	_	
				EOB @ 4' bgs						
				_					-	
,								\$		
								· .	_	
METHOD METHOD METHOD	OF SOIL SA OF ROCK (CING BORIN AMPLING: CORING:	GEOPROBE – 4X4 IG: DIRECT- PUSH MACRO-CORE N/A	l Mule					Tetra Tech	NUS, Inc.
1	WATER LE BSERVATI		Phase I 0'-2' and	1 2'-4' interval	ls; Sample nu	mber 773	Flag number 712	BORING NO.: 773	PAGE: 1	OF 1

PROJECT LOGGED DRILLED GRD. SUF	'NO.: BY: BY (Compa	any/Driller): EVATION:	Raymark OU9 RI/ N1369 Neb Dedic Aquifer Drilling &		Gooley					NBED BY: _	DH	BORING NO.: START DATE: COMPLETION: MON. WELL NO CHECKED BY:	0.:	774 2/3/04 2/3/04 N/A JL	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SO DENS CON or R HAI	SITY/ ISIS. OCK		_R			MATERIAL CLASSIFICATION		USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		2.0'	SBP-SO-774-0002		Sc	oft		3rown		- Silty SAND			SM	Dry	FID=0.0 PID=0.0
1		2.0*	2/3/04 @ 1500				Light I			2' - SAND with	ı silt (6")		sw		
							Gr	ay	SAND w	ith silt					
2			SBP-SO-774-0204								<u>,</u>			Do	
	-	1.8'	351-00-774-0204						_				<u> </u>	Dry -	FID=0.0 PID=0.0
3			2/3/04 @ 1505	-									<u> </u>		
4				EOB	1	7	1	,	,	•	······································		↓		
				@ 4' bgs						 .					
										****	· · · · · · · · · · · · · · · · · · ·				
											. .				
				-					-				· ·		
<u>'</u>															
-				-											
															
METHOD	DRILLING F OF ADVAN OF SOIL SA	CING BORIN	GEOPROBE- 4x4 M IG: DIRECT – PUSH MACRO-CORE	Viule	1									Tetra Te	ch NUS, Inc.
METHOD GROUND	METHOD OF ROCK CORING: N/A GROUNDWATER LEVELS: OTHER OBSERVATIONS: Phase I, 0'-2' and 2'-4' intervals; Sample number											_			t
OTHER O	BSERVATION	ONS:	Phase I, 0'-2' and	2'-4' intervals	; Sample	e numb	er 774	Flag	number 730)		BORING NO.: 7	74	PAGE:	1 OF 1

	NO.: BY:	any/Driller): EVATION:	Raymark OU9 Rt N1369 N. Dedic Aquifer Drilling &		Jilmann		TRANSCRIBED BY:DH	BORING NO.: START DATE: COMPLETION: DATE: MON. WELL NO.: CHECKED BY:	775 2/04/04 2/04/04 N/A JL	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION	USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
1	:	2.0'	SBP-SO-775-0002 2/4/04 @ 1105		Soft	Brown	Silty SAND, some gravel	SM	Dry (top frozen)	FID=0.0 PID=0.0
-			2404 W 1103			Brown Gray	SAND, some silt and gravel (bottom 7")	sw	Dry	
2	·	1.5'	SBP-SO-775-0204	1		Gray	SAND, some silt and gravel		Dry	FID=252 PID=0.0
3		2.0'	2/4/04 @ 1115	-					Moist/Wet	
4										
5		0.5'	Sample not sent for analysis						Wet	FID=5.5 PID=0.0
6		:		EOB @ 6' bgs	<u> </u> ↓	+	↓	\ \		
				-				8		
METHOD (METHOD (METHOD (GROUNDY	DRILLING R DF ADVANC DF SOIL SA DF ROCK C VATER LEV BSERVATIO	CING BORING MPLING: ORING: 'ELS:	MACRO-CORE N/A	k – mounted			I p	ORING NO : 775	Tetra Tech	NUS, Inc.

BORING L PROJECT LOGGED DRILLED GRD. SUF	NO.: BY: BY (Compa	any/Driller): EVATION:	Raymark OU9 RI/ N1369 Neb Dedic Aquifer Drilling &		llmann		TRANSCRIBED BY:	BORING NO.: START DATE: COMPLETION: DAT MON. WELL NO.: CHECKED BY:	Œ:	776 2/4/04 2/4/04 N/A JL	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DE NSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION	RC	SCS OF OCK RKN	(moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		2.0'	SBP-SO-776-0002		Soft	Brown	Silty SAND, trace coarse sand/gravel/fill	s	M	Top frozen	FID=0.0 PID=0.0
1		2.0'	2/4/04 @ 1140							Dry	
										Moist Tiny glass pieces	
2											
		1.1'	SBP-SO-776-0204			+	Silty SAND (4")	,		Moist	FID=0.0 PID=0.0
3		2.0'	2/4/04 @ 1150			Gray 	SAND, trace coarse sand, silt, gravel	S	w	Glass pieces	
								1			
4						\	▼	,		Wet	Ŋ.
				EOB @ 4' bgs							
,											
									5		
TYPE OF I			GEOPROBE- Track	- mounted						Tetra Tech	NUS, Inc.
METHOD (CING BORING MPLING:	G: DIRECT - PUSH MACRO - CORE								ן ה
METHOD			N/A								G]
GROUNDY OTHER OF			Approximately 4' Phase I Flag nur	nher 836			· · · · · · · · · · · · · · · · · · ·	DODING NO			<u></u>
JIHER U	JOLINATIO	/1 1 0.	T HASE T FIAG HUI	1000	·			BORING NO.: 776		PAGE: 1	OF 1 NUS Form 0018

PROJECT LOGGED	BY:	any/Driller):	N1369 Neb Dedic AQUIFER DRILLI		ING/ R Uilman	n	TRANSCRIBED BY:DH	BORING NO.: START DATE: COMPLETION: MON. WELL NO		777 2/4/04 2/4/04 N/A	
	RFACE ELE					<u> </u>	ELEVATION FROM:	CHECKED BY:	···	IVA	
DEPTH (FEET) 0	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION		USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
		1.75'	SBP-SO-777-0002		Soft	Reddish Brown	Silty SAND, trace clay, gravel/fill		sc	Top frozen	FID=62 PID=0.0
1		/ 20	2/4/04 @ 1215							Moist	
						Gray	SAND with silt, some gravel/fill (bottom 9")				
2			- 0						SW		
		2.0'	SBP-SO-777-0204				SAND, some silt, gravet/fill			Moist Glass, metal pieces	FID=1308 PID=0.0
3		/ 2.0	2/4/04 @ 1220								
					\vdash						
4						a n					
		1.8' 2.0'	SBP-SO-777-0406							Glass, metal, ceramic pieces, wood chips – Moist	FID=95 PID=1.5
5		2.0	2/4/04 @ 1230			+	∀		*		
						Brown	Silty SAND, trace gravel/fill		SM — I		
6	:										
,		1.0' 2.0'	SBP-SO-777-0608							Moist	FID=35 PID=0.0
7		/ 2.0	2/4/04 @ 1248						,		
						+			$\overline{}$	Wet	
8				EOB @ 8' bgs	—	Gray	Sand, some silt		SW		
METHOD	DRILLING R OF ADVANC OF SOIL SA	CING BORIN	GEOPROBE Trac G: DIRECT PUSH MACRO CORE	k – mounted				_		Tetra Tech	NUS, Inc.
METHOD	OF ROCK C	ORING:	N/A					_ _			t)
	WATER LE\ BSE <u>RVATI</u> C		Approximately 8' Phase I Flag numb	er 838				BORING NO.: 77	77	PAGE:	DE 1

PROJEC LOGGED DRILLED			Raymark OU9 R N1369 J. Lambert Aquifer Drilling a		M. Sarro		TRANSCRIBED BY: _		BORING NO.: START DATE: COMPLETION: D MON. WELL NO.: CHECKED BY:	ATE:	777A 2/5/04 2/5/04 N/A JD	
DEPTH (FEET)	BLOWS PER 6" NA	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD!	CLR		MATERIAL CLASSIFICAT		USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
			SBP-SO-777A-0002 Full Suite less dioxin and SPLP				Refer to Boring Log Number 7	77 for soil profile	es details		No PACM visible	
1			2/5/04 @ 1045									
			DUP - CLP metals only 2/5/04 @ 1050									
2			SBP-SO-777A-0204			<u> </u>					No PACM visible	PID = 0.0
			Full Suite less dioxin and SPLP			-				-	White chalky hard material and tar	FID = 19.5
3			2/5/04 @ 1120								(solid) in sample	FID = 19.5
			Lab QC – CLP metals only									
4												
	-		SBP-SO-777A-0406 Full Suite less dioxin			<u></u>					No PACM visible	PID = 0.0
5			and SPLP 2/5/04 @ 1140									FID = 235.0
6												
	,		SBP-SO-777A-0608 Full Suite less dioxin								No PACM visible	
7			and SPLP 2/5/04 @ 1200							,		
8				EOB @ 8' bgs							1	
	DRILLING R		GEOPROBE – 4 :	X 4 Mule (rig	1)				Note: PACM = Potential asbestos co	ntaining mat	Tetra Tech	NUS, Inc.
METHOD	OF SOIL SA	MPLING:	Macro-Core Open N/A		nuous samplin	g in 2' inter	vals		Full Suite = SVOCs, Pesticide: dioxin, SPLP meta	s/PCBs, metalls and PCBs	als,	t]
	WATER LE		Approximately 7.5		hos 830	E	r Landfill Area – golf course	PID/FID = D	asbestos, and VO			<u> </u>
OTHER	DRSERVATIO	INS:	Phase II	Flag num	ider 838	Forme	r Langijii Area – goti course	トルバドル ニ レ	1 BURING NO.: 777	A	PAGE: 1	OF 1

BORING I PROJECT LOGGED DRILLED GRD. SUF	NO.: BY: BY (Comp RFACE ELI	any/Driller):	Raymark OU9 R N1369 Neb Dedic ADT/ R. Ullmann				TRANSCRIBED BY: DH COM MON	ING NO.: RT DATE: PLETION: DATE: . WELL NO.: CKED BY:	778 02/4/04 02/4/04 N/A JL	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS) SBP-SO-778-0002	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION	USCS or ROCK BRKN	(moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
2		2.0'	2/4/04 @ 1408		Soft	Brown	Silty SAND SAND, trace silt (bottom 8")	SM	Top frozen- saturated Dry	FID=0.0 PID=0.0
		1.5' 2.0'	SBP-SO-778-0204			- I	ONIO, dace sir (bolionis)	SW	Dry	FID≃35 PID=0,0
4		1.8'	2/4/04 @ 1425 SBP-SO-778-0406						Dry	FID=0.0 PID=0.0
6		2.0'	2/4/04 @ 1415 SBP-SO-778-0608						Moist	FID=95
8		2.0'	2/4/04 @ 1430			Gray/Black Gray	SAND, trace silt and clay SAND, trace silt		Sulfur odor 6.5'-7.5'	PID=0.0
10		2.0'	SBP-SO-778-0810 2/4/04 @ 1435	GW					Moist, wood chips, glass Wet	FID=1210 PID=0,0
				EOB @10' bgs		_	V			
,								-		
								>		
TYPE OF DIMETHOD OF METHOD OF GROUNDW	OF ADVANC OF SOIL SA OF ROCK C	CING BORING MPLING: ORING:	GEOPROBE – Trac Direct push Approximately 10'	ck – mounted					Tetra Tech	NUS, Inc.
OTHER OF			Phase I Flag nur	nber 839			BORING	NO.: 778	PAGE: 1	OF 1

BORING I PROJECT LOGGED DRILLED GRD. SUF	NO.: BY: BY (Compa	any/Driller): EVATION:	Raymark OU9 RI/ N1369 Neb Dedic ADT/ R. Ullmann	FS			TRANSCRIBED BY:		BORING NO.: START DATE: COMPLETION: MON. WELL NO CHECKED BY:	O.:	779 2/4/04 2/4/04 N/A JL	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DE VSITY/ CONSIS, or ROCK HARD.	CLR		MATERIAL CLASSIFICATION		USCS or ROCK BRKN	(moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
1		1.08'	SBP-SO-779-0002 2/4/04 @ 1507		Soft	Brown	Silty SAND			SM	Top frozen Dry	FID=0.0 PID=0.0
2	-											
0		1.5'	SBP-SO-779-0204			Brown/ Gray	SAND with some silt			sw	Moist	FID=0.0 PID=0.0
3			2/4/04 @ 1512									
4		:		EOB @ 4' bgs	+	+	+					
,										\$		
METHOD (METHOD (METHOD (GROUND)	DRILLING R DF ADVANC DF SOIL SA DF ROCK C VATER LEV BSERVATIC	CING BORING MPLING: ORING: /ELS:		k - mounted					BORING NO.: 7	79	Tetra Tecl	NUS, Inc.

PROJECT LOGGED DRILLED	BY:	any/Driller): EVATION:	Raymark OU9 RI/I N1369 Neb Dedic ADT/ R. Ullmann	-S					BY: <u>DH</u>	BORING NO.: START DATE COMPLETION MON. WELL I CHECKED BY	: N: DATE: NO.:	780 2/4/0 2/4/0 N/A JL		
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD*	CLR			MATERIAL CLASSIFICATION		USCS or ROCK BRKN	(moi odd clas	REMARKS sture condition; ors; geological sification; rock athering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
1		2.0'	SBP-SO-780-0002 2/4/04 @ 1540		Soft	Red/ Brown	Silty SA	ND, trace	clay and gravel		SM	Top fro	zen	FID=2.0 PID=0.0
:			2407 @ 1040			Gray	SAND,	some silt,	race gravel		sw	Dry		
2		1.7'	SBP-SO-780-0204								-	Dry Fill, gla	ss	FID=8.0 PID=0.0
3		2.0'	2/4/04 @ 1545				-							
4				EOB	+					-				
				@ 4' bgs								-		
,											-			
											,			
METHOD (METHOD (METHOD (GROUNDY	DRILLING R DF ADVANC DF SOIL SA DF ROCK C VATER LEV BSERVATIC	CING BORING MPLING: ORING: /ELS:		- mounted						BORING NO	780		Tetra Tech	NUS, Inc.

BORING I	OG FOR	:	Raymark OU9 F	RI/FS				BORING NO.:		781A	
PROJECT	NO.:		N1369					START DATE:		2/5/04	
LOGGED	BY:		J. Lambert				TRANSCRIBED BY: DH	COMPLETION	DATE:	2/5/04	
		oany/Driller)	: Aquifer Drilling &	Testing/ D.	Gooley			MON, WELL N	O.:	N/A	
GRD. SUF	RFACE EI	EVATION:					ELEVATION FROM:	CHECKED BY:		JD	
	BLOWS	SAMP	SAMPLING	· · · · · · · · · · · · · · · · · · ·		×			* Andrews vertices and		
DEPTH (FEET)	PER 6"	REC. / SAMP LENG.	TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION 0' - 0.2' - Grass/roots		USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock	FIELD Screening DATA METHOD =
			SBP-SO-781A-0002	FROFE	Slightly	Dark Red	0.2' - 0.7' - Silty fine-medium SAND		SM	weathering; etc.)	[FID, (PPM)]
		1.8'	Screening		Dense	Daik Ned	0.2 - 0.7 - Sixy inte-medium SAND		SM	Moist	PID=0.0 F I D=0.5
1		2.0'	2/5/04 @ 0850		Slightly Loose	Brown	0.7' - 1.4' - Fine-coarse SAND, some fine gravel		sw	1 	
				1	1	Tan	1.4' - 1.6' - Fine-medium SAND		SP		
				ļ		Brown	1.6' - 1.7' - Similar material to above]		
2						Tan 	1.7' - 1.8'- Similar material to above	,		-	-
		1.2'	SBP-SO-781A-0204			-	0' - 0.4' - Similar material to above		\		PID=0.0 FID=27.5
		2.0'	Screening			Dark	0.4' - 0.7' - Silty fine-medium SAND, some coarse gr	avel, trace glass	SM/Fill	1	115-27.0
3			2/5/04 @ 0900	_		Brown	,				
						Dark Gray	0.7' - 1.2' - Fine-coarse SAND, some subrounded gra	avel	sw		
4				-							
		1.2'	SBP-SO-781A-0406				0' - 0.4' - Fine-coarse SAND and medium GRAVEL				PID=0.0 FID=16.7
5		2.0'	Screening 2/5/04 @ 0910			Dark Brown	0.4' - 0.6' - Fine SAND, some medium sand, some or	ganics (roots)	SP		110-10.7
						Gray	0.6' - 0.8' - Fine-medium SAND			Brittle rubber fragments	
				1		Black	0.8' - 0.9' - Fine-medium SAND	-	 	in sample	
6					▼	Brown	0.9' - 1.2' - Silty fine-medium SAND, some wood		SM/Fill		İ
		0.7' /	SBP-SQ-781A-0608		Slightly Dense	\	0' - 0.1' - Silty fine SAND and paint chips, some glass	•	Ţ		PID=0.0 FID=15.9
		2.0'	Screening		Slightly	Gray	0.1' - 0.2' - Fine-medium SAND		SP	1	110.0
7			2/5/04 @ 0920	_	Loose	Black	0.2' - 0.5' - Fine sandy SILT, some wood fragments, t	race roots	ML/Fill		F
						Tan	0.5' - 0.7' - Fine-coarse SAND, trace fine gravel, roofi	na tila fragmante	SW/Fill		
				EOB @			The state of the fine grave, from	ing the magnificities	344/FIII	-	
8				8' bgs	↓	<u> </u>			<u> </u>		
TYPE OF	DRILLING	RIG:	GEOPROBE Tra	ack- mounted	(rig 2)					7.4. 7.1	
1		ICING BORI			(·· 3 –/					Tetra Tech	NUS, Inc.
METHOD			MACRO-CORE C	pen tube cor	tinuous sampi	es to 4 feet in	2 foot intervals	_			-)
METHOD	OF ROCK	CORING:	N/A					_			
GROUND			Approximately 7.3	,							
OTHER O	BSERVAT	ONS:	Phase II FID=D	PID=D	Flag nun	nber 843	Former Landfill area – golf coarse	BORING NO.: 7	81A	PAGE:	OF 1

BORING L	OG FOR:		Raymark OU9 R	I/FS				BORING NO .:		782A		
PROJECT	NO.:		N1369					START DATE:		2/5/0	1	
LOGGED	BY:		J. Lambert				TRANSCRIBED BY:DH	COMPLETION:	DATE:	2/5/04	1	
DRILLED	BY (Comp	any/Driller):	: Aquifer Drilling 8	Testing/ D.	Gooley			MON, WELL NO	0.:	N/A		
GRD. SUF	RFACE EL	EVATION:					ELEVATION FROM:	CHECKED BY:		JD		
				***************************************		, ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	The state of the s		A LAVANCIAN AND AND AND AND AND AND AND AND AND A	part as some to resource engages	ANATONIA MARANAMANA ANTONIA ANTONIA ANTONIA ANTONIA ANTONIA ANTONIA ANTONIA ANTONIA ANTONIA ANTONIA ANTONIA AN	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL	SOIL DENSITY/ CONSIS. or ROCK	CLR	MATERIAL CLASSIFICATION		USCS or ROCK BRKN	(mois odo: class	EMARKS ture condition; rs; geological sification; rock	FIELD SCREENING DATA METHOD =
-	NIA		SBP-SO-782A-0002	PROF'L	HARD. Slightly	Dark	0' - 0.2' - Grass/roots 0.2' - 0.5' - Fine-medium SAND, some silt, trace orga	union (roots)	SP		thering; etc.)	[FID, (PPM)]
		1.9'	Screening and		Dense	Brown	0.2 - 0.5 - Fine-friedidiff SAND, Some Sitt, trace biga	inics (roots)	38	riozen	(top 0.5')	PID=0.0 FID=0.0
1		2.0'	Confirmation 2/5/04 @ 0950		Slightly Loose	Tan	0.5' - 0.8' - Fine-medium SAND, trace coarse sand		sw	Moist		
				1	Loose		0.8' - 1.4' - Fine-coarse SAND, trace fine subrounder	Agroval			<u>.</u>	
					Climbilia	Brown	1.4' - 1.9' - Fine-medium SAND	graver	SP			
2					Slightly Loose	BIOWII	1.4 - 1.9 - Fine-medium SAND		5P			
		,	SBP-SO-782A-0204	1			0' - 0.6' - Similar to above	· ·				PID=0.0
1		1.8'	Screening		_ ▼	▼ '			▼			FID=112.8
		2.0'	Screening		Slightly	Dark	0.6' - 1.1' - Silty fine-medium SAND	· 	SM			
3		<u> </u>	2/5/04 @ 1000		Dense	Brown						
					↓		1.1' - 1.5' - WOOD (processed)		Fill	Dry		
4					Slightly Loose		1.5' - 1.8' - Fine-medium SAND, some silt, trace glas	s	SP/Fill	Moist		
ļ. 			SBP-SO-782A-0406	-	1	Brown	0' - 0.2' - Silty fine-medium SAND, some coarse sand		SM	1		DID-0.0
		1.5'	Screening			BIOWII	0 - 0.2 - Siny internedictin SAND, Some Coarse Sand	1	SIVI			PID=0.0 FID=13.8
5		2.0'	2/5/04 @ 1005				0.2' - 0.9' - Fine-medium SAND, some silt, rubber pie tile, paint chips	eces, glass ceramic	SP/Fill			
-			23/04 @ 1000	+					 -	-	 	· · · · · · · · · · · · · · · · · · ·
	-					↓			↓			
 					 	Gray	0.9' - 1.3' - Fine-coarse SAND, trace fine gravel, piec	e of metal	SW/Fill		•	
6						l	0.3 - 1.5 - 1 me-coarse contro, trace fine graver, piec	e of metal	SVV/FIII			
			SBP-SO-782A-0608	7			0' - 0.6' - Similar to above					PID=0.0
· ·		1.4'	0			\			♦	İ		FID=56.8
		/ 2.0°	Screening			Brown	0.6' - 0.9' - Fine-medium SAND, trace coarse sand		SW	l		
7		-	2/5/04 @ 1015						>	1		
				1		Gray	0.9' - 1.1' - Fine-medium SAND		SP	_		
										Wet		
8				EOB @ 8' bgs	—	Dark Red	1.1' - 1.4' - Fine sandy SILT, trace white gooey mater strings when stretched	ial that forms	ML/Fill			-
				·		•						<u> </u>
TYPE OF			GEOPROBE - Tr	ack- mounted	l (rig 2)			_			Tetra Tech	NUS, Inc.
		NCING BORI		Na 4	-41		O footh internals	_				$\overline{}$
1		AMPLING:	MACRO-CORE (pen tube cor	runuous sampl	es to 4 feet in	z toot intervals	_				█─┆
METHOD			N/A	' han				_			[•	•
GROUND			Approximately 7.5		Flaa	mhar 040	Former Landfill area ask severe	Inoning sign	1004			
OTHER O	BSERVAT	IONS:	Phase II FID=D	PID=D	Flag nu	mber 842	Former Landfill area – golf course	BORING NO.: 7	82A		PAGE: 1	I OF 1

PROJECT LOGGED DRILLED	BY:	any/Driller): EVATION:	Raymark OU9 RI N1369-0320 J. Danieli Dragin/B. Swiatek				BORING NO START DATE TRANSCRIBED BY: RAC COMPLETION MON. WELL ELEVATION FROM: CHECKED	E: DN: DATE: . NO.:	SL-SB-300 1/15/04 1/22/04 N/A JL	
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION	USCS or ROCK BRKN	(moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD =
	11]	SL-SO-300-0002	Landfill	Frozen	Brown	SAND – approximately 2" with phragmites stems. Fine-medium sand	SP	Frozen	[FID, (PPM)] FID = 0
	9	1.6'		1	1 1	Black	Possible Burnt ash	Fill	1	PID = 0
1	21	2.0			1	Gray	Piece of boulder		-	
2	22		1/15/04 @ 1304		1	Black	Fine – medium SAND, some gravel, pieces of plastic, asphalt	SW	1	1
	11 9 9	0.6'	SL-SO-300-0204		Loose	Brown	Fine – medium SAND, trace fine-medium gravel	sw	Dry	FID = 0 PID = 0
4	10		1/15/04 @ 1320							
	5 5 3	1.0' 2.0'	SL-SO-300-0406		Loose	Olive Gray	Fine silty SAND, piece of quartz (0.2" long). Trash bag with pieces of woodchips (0.4" long) and twigs	SM	Moist	FID = 0 PID = 0
6	4		1/15/04 @ 1346							1
8	2 2 2 2		NO RECOVERY				NO RECOVERY - NO SAMPLE		Wet **	FID = NA PID = NA
	10 10	1.5'	SL-SO-300-0810		Dense/ Compact	Olive Gray	Fine silty SAND with fine gravel. Trash bag with pieces of wood (0.4" long).	SM	Wet **	FID = 0 PID = 0
10	10 19	2.0'	1/15/04 @ 1420				Fine silty SAND, layering noted, trace fine gravel			1
	6 26 40	1.2' 2.0'	SL-SO-300-1012		Loose	Black	Silty SAND with plastic, brick, grass	SM	Wet **	FID = 0 PID = 0
12	25 8		1/15/04 @ 1442		-			-		
14	16 16 24		NO RECOVERY				NO RECOVERY - NO SAMPLE - Boulder in nose	5		FID = NA PID = NA
16	13 32 41 45	0.6' 2.0'	NO RECOVERY			Black	NO RECOVERY - NO SAMPLE - Wood and sand in nose		Moist	FID = 0 PID = 0

TYPE OF DRILLING RIG:	Hollow Stem Auger - Track Mounted Rig	Note:	
METHOD OF ADVANCING BORING:	HSA	Environmental boring	Tetra Tech NUS, Inc.
METHOD OF SOIL SAMPLING:	3" split spoon - 140 lb hydraulic hammer 30" drop	+	
METHOD OF ROCK CORING:	NA	= screen spoon with FID and PID	
GROUNDWATER LEVELS:	Perched water table approximately 8 ft bgs	= Perched water table in Landfill	[■ ■•]
OTHER OBSERVATIONS:		BORING NO.: SL-SB-300	
		TBOKING NO.: SL-SB-300	PAGE: 1 OF 3

BORING L	OG FOR:		Raymark OU9 Rt/	/FS – Stratfc	ord Landfill			BORING NO.:		SL-SB-300	
PROJECT	NO.:		N1369-0320					START DATE:		1/15/04	·
LOGGED	BY:		J. Danieli					COMPLETION:	DATE:	1/22/04	
DRILLED	BY (Compa	any/Driller):	Dragin/B. Swiatek	/G. Donahu	e			MON. WELL NO		N/A	
GRD. SUF								CHECKED BY:	***	JL	
		,									
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION		USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock	FIELD SCREENING DATA METHOD =
	29		SL-SO-300-1618	Landfill	Loose	Black	Mucky FILL pieces of wood, plastic, piece of cloth, dec			weathering; etc.)	[FID, (PPM)]
	61 29	0.4'	02 00 000	Landini		l l	leaves, twigs, 1 piece of gravel	composed	Fill	Wet Odor?	FID = 0 PID = 0
18	19		1/22/04 @ 0910		! !						
	16		SL-SO-300-1820	1	-			- - 		Wet	FID. 0
	17 10	0.75'								AAGI	FID = 0 PID = 0
20	14		1/22/04 @ 0920				Silty SAND and pieces of glass in nose	↓	SM		
	15 21	0.75'	SL-SO-300-2022							Wet	FID = 0 PID = 0
	49	/ 2.0'									
22	16		1/22/04 @ 0930			♦	Silty SAND - trace gravel and piece of metal (2") in nose	e	i		·
	14		SL-SO-300-2224	1		Black -Dark	Silty sand, trace gravel, pieces of plastic			Moist	FID = 0
	19	1.0'				Brown				,	PID = 0
	21	2.0'	,			Tan	Possible dried pieces of paint in nose				
24	20		1/22/04 @ 0940]	·	i	₩		
	24			1							
	26		NO RECOVERY								
	39						NO RECOVERY - NO SAMPLE - Wood chunks in nos	e		Wet	FID = 0 PID = 0
26	46		1/22/04					-			1 10 - 0
	100 for		NO RECOVERY				NO RECOVERY - NO SAMPLE - assumed to be large	piece of			FID = NA
28	6*		1/22/04				wood?				PID = NA
	21		 								
,	19		NO RECOVERY		i'		NO RECOVERY - NO SAMPLE - Large chunk of com	pressed			FID = NA
	24	:	i	1			plastic in nose	·		Wet	PID = NA
30	20		1/22/04		•				,	i	
	14			1					-		
]	9		NO RECOVERY	1			NO DECOMEDY NO CASES - W	1	ľ		FID = NA
	10		i				NO RECOVERY NO SAMPLE Wood pieces in nose	•	ľ		PID = NA
32	10		1/22/04	♦					ľ		1
TVDE CE S	DILLING 5	10.	Tarala Manada - I Di-	01		and a Director					
TYPE OF I			Track Mounted Rig		er to Truck mou	inted Rig – Ch				Tetra Tec	h NUS, Inc.
METHOD		CING BORING	G: Hollow Stem Auger 3" split spoon – 140		ammer 20" de	OD.		ote:			
METHOD (NA	io nyuraulic r	ianimer, so are	υ <u>μ</u>	En	vironmental borin	g		7
GROUNDY			Perched water table	approximate	lv 8 ft bas					[•	lej .
1		_ -	tubio	p	.,					_	

OTHER OBSERVATIONS:

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PAGE:

PROJECT LOGGED			N1369-0320 J. Danieli	/FS – Stratfo	rd Landfill		ST	RING NO.: ART DATE: MPLETION: DATE:	SL-SB-300 1/15/04 1/22/04	
DRILLED		any/Driller): EVATION:	Dragin/B. Swiatek	k/G. Donahue	}		MC MC	ON. WELL NO.: ECKED BY:	N/A JL	
DEPTH (FEET) 32	BLOWS PER 6"	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION	USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
34	2 1 2 2	0.85'	SL-SO-300-3234 1/22/04 @ 1040	Landfill	Loose	Dark Brown	Silty SAND soupy texture, trace gravel, pieces of wood, g	lass SMÎ	Wet Note: NR = not recorded	FID = NR PID = NR
36	3 2 2 3	0.35'	NO SAMPLE RECOVERY TOO LOW				SAND with pieces of glass, some gravel, wood chips, poss layers	ible peat SW	Wet Note: No sample Recovery too low, not enough material to sample	FID = 0 PID = 0
38	10 21 29 35	0.4'	SL-SO-300-3638 1/22/04 @ 1128				Silty SAND, pieces of plastic, organic material- Peat? – in r	nose SM	Wet Sulfur odor	FID = 0 PID = 0
40	3 3 4 3	2.0'	NO SAMPLE	Natural materials	Dense		PEAT – highly organic – mass of compact roots and fibers, material, decayed leaves in nose.	silty PT	Wet Sulfur odor	FID = 0 PID = 0
				EOB @ 40 ' bgs						
,										
				-				,		
	DRILLING F		Track Mounted Rig		er to Truck mou	ınted Rig – C	ME		Tetra Tec	h NUS, Inc.
		CING BORIN				_	Note:			
	OF SOIL SA		3" split spoon – 140	ip nyaraulic h	ammer 30" dro	р	Envir	onmental boring to identif	у Т	7
1	ETHOD OF ROCK CORING: NA				h. 0 # h. :		poten	tial Raymark waste	[L)
GROUND	DOF ROCK CORING: NA DWATER LEVELS: Perched water table approximately 8 ft bg:				y & ft bgs					

OTHER OBSERVATIONS:

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PAGE:

BORING LOG FOR: PROJECT NO.: LOGGED BY:	Raymark OU9 F N1369 M. Healey/J. Da		rd Landfill	TRANSCRIBED BY: RAC	BORING NO.: START DATE: COMPLETION: I	DATE:	SL-SB-301 1/19/04 1/21/04	
DRILLED BY (Company/Driller): GRD. SURFACE ELEVATION:	riller): Dragin/B. Swiatek/G. Donahue			ELEVATION FROM:	MON. WELL NO CHECKED BY:		N/A JL	
DEPTH BLOWS REC.	SAMPLING TIME	DEPTH MAT'L	SOIL DENSITY/	MATERIAL		USCS	REMARKS	FIELD

DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG. WELL PROF'	DENSITY/ CONSIS. or ROCK	CLR	MATERIAL CLASSIFICATION	USCS or ROCK BRKN	(moisture condition; odors; geological classification; rock	FIELD SCREENING DATA METHOD =
	71 61	1.75'	SL-SO-301-0002	Landfil			Silty SAND, fine-medium sand with silt and angular gravel to 2"	SM	weathering; etc.)	[FID, (PPM)]
	62	2.0		1 1	4					
2	29	/	1/19/04 @ 1130							
	19		SL-SO-301-0204				SILT, silt with occasional gravel, 1 piece of 2" gravel	ML	<u> </u>	
	20 24	1.5'								
4	21	2.0	1/19/04 @ 1140							
	26		SL-SO-301-0406		Dense	Black	SILT, some sand, trace roots, pieces of wood chips	ML	Dry	PID = 0.0
-	14	1.1'								FID = 0.7 *
6	17	/ 2.0	1/19/04 @ 1215		1					
	14		SL-SO-301-0608		Loose	Black	Silty SAND, some angular gravel pieces of white Styrofoam , wire,	SM/Fill	Moist	PID = 0.0
	17	0.75'				l i l	trash bags	1 1		FID = 0.9 *
8	15 12	2.0°	1/19/04 @ 1230							
-	16		SL-SO-301-0810						Moist	PID = 0.0
	19	0.75'					Possible brake pad pieces, spongy white material			FID = 0.2 *
10	17 24	2.0'	1/19/04 @ 1250				Transit and page process, opening write material			
	17		SL-SO-301-1012					\vdash	 	** PID = 41
	21	0.5'					Pieces of brick, wood, spongy white material			10-41
12	19 20	2.0'	1/19/04 @ 1410			↓	(possible dry paint)	↓		
14	20		11 10 04 (W 1410			-		<u> </u>		
,	100 for		NO RECOVERY		-		NO RECOVERY – NO SAMPLE – Slough from above intervals			
14	5"						THE TRUE SAME LE - Glodgi Holli above Intervals	,		
14	14		SL-SO-301-1416		Loose	Black	Silty SAND – pieces of wood (2*), plastic Hostess wrappers, trace	SM/Fill	Do.	PID III
	12	2.0'				Diggi	gravel, plastic trash bag	SIMALIII	Dry	PID = *** FID = 0.1
	16	2.0'								
16	19		1/20/04 @ 1225		J.					

TYPE OF DRILLING RIG:	Track Mounted - CME - 1/19/04, Truck Mounted CME 1/20/04	Note:	Tetra Tech NUS, Inc.
METHOD OF ADVANCING BORING:	Hollow Stem Auger to 31' bgs	Environmental boring to natural materials, then Geotechnical boring	retta recirivos. Ilic.
METHOD OF SOIL SAMPLING:	3" split spoon 140 lb hydraulic hammer 30" drop	* = FID reading 0.7 ambient air	(
METHOD OF ROCK CORING:	NA	** = FID flame not starting	Tt
GROUNDWATER LEVELS:		*** = PID not starting	
OTHER OBSERVATIONS:		BORING NO.: SL-SB-301	PAGE: 1 OF 4
		, , , , , , , , , , , , , , , , , , , ,	

DEPTH (FEET) PER J SAMP LENG. (CAYGC STATUS) SAMP LENG. (CAYGC STATUS) PER J 1.0' 18 8 8 1 2.0' 19 1.0' 10 1		LOG FOR:		Raymark OU9 RI/ N1369	FS – S	Stratfo	rd Land	ifili			BORING N				B-301	
DRILLED BY (Company/Driller): GRD. SURFACE ELEVATION: Depth BLOWS REC. (FEET) PER 6" SAMP LENG. (QA/CG STATUS) PROFIL HARD. 10 9 1 1.0' 1/20/04 @ 1247 NO RECOVERY DEPTH BLOWS SAMP LENG. (DA/CG STATUS) PROFIL HARD. DEPTH BLOWS SAMP LENG. (DA/CG STATUS) PROFIL HARD. DEPTH BLOWS SAMP LENG. (DA/CG STATUS) PROFIL HARD. DEPTH BLOWS REC. (THE MAT'L CONSIS.) OF ROCK PROFIL HARD. DEPTH BLOWS REC. (THE MAT'L CLASSIFICATION (DA/CG STATUS) PROFIL HARD. DEPTH BLOWS REC. (THE MAT'L CLASSIFICATION (DA/CG STATUS) PROFIL HARD. DEPTH BLOWS REC. (THE MAT'L CLASSIFICATION (DA/CG STATUS) PROFIL HARD. DEPTH BLOWS REC. (THE MAT'L CLASSIFICATION (DA/CG STATUS) PROFIL HARD. DEPTH BLOWS REC. (THE MAT'L CLASSIFICATION (DA/CG STATUS) PROFIL HARD. DEPTH BLOWS REC. (THE MAT'L CLASSIFICATION (DA/CG STATUS) PROFIL HARD. DEPTH BLOWS REC. (THE MAT'L CLASSIFICATION (DA/CG STATUS) PROFIL HARD. DEPTH BLOWS REC. (THE MAT'L CLASSIFICATION (DA/CG STATUS) PROFIL HARD. DEPTH BLOWS REC. (THE MAT'L CLASSIFICATION (DA/CG STATUS) PROFIL HARD. DEPTH BLOWS REC. (THE MAT'L CLASSIFICATION (DA/CG STATUS) PROFIL HARD. DEPTH BLOWS REC. (THE MAT'L CLASSIFICATION (DA/CG STATUS) PROFIL HARD. DEPTH BLOWS REC. (THE MAT'L CLASSIFICATION (DA/CG STATUS) PROFIL HARD. DEPTH BLOWS REC. (THE MAT'L CLASSIFICATION (DA/CG STATUS) PROFIL HARD. DEPTH BLOWS REC. (THE MAT'L CLASSIFICATION (DA/CG STATUS) PROFIL HARD. DEPTH BLOWS REC. (THE MAT'L CLASSIFICATION (DA/CG STATUS) PROFIL HARD. DEPTH BLOWS REC. (THE MAT'L CLASSIFICATION (DA/CG STATUS) PROFIL HARD. DEPTH BLOWS REC. (THE MAT'L CLASSIFICATION (DA/CG STATUS) PROFIL HARD. DEPTH BLOWS REC. (THE MAT'L CLASSIFICATION (DA/CG STATUS) PROFIL HARD. DEPTH BLOWS REC. (THE MAT'L CLASSIFICATION (DA/CG STATUS) PROFIL HARD. DEPTH BLOWS REC. (THE MAT'L CLASSIFICATION (DA/CG STATUS) PROFIL HARD. DEPTH BLOWS REC. (THE MAT'L CLASSIFICATION (DA/CG STATUS) PROFIL HARD. DEPTH BLOWS REC. (THE MAT'L CLASSIFICATION (DA/CG STATUS) PROFIL HARD. DEPTH BLOWS REC. (THE MAT'L CLASSIFICATION (DA/CG STATUS) PROFIL HARD. DEPTH B					ألما							-				
GRD. SURFACE ELEVATION: ELEVATION FROM: CHECKED BY: JL DEPTH (FEET) PER 6' SAMP LENG. (CA/OC STATUS) 18			anv/Driller\			nahu								_	04	
DEPTH BLOWS REC. TIME & SAMPLING TIME & SAMPLE NO. (QA/QC STATUS) PER FOR 1 1.0' 18			-		9.00	, icarro			 -				···		·· ·	
DEPTH (FEET) BLOWS			T***								CHECKED	ы.		_ <u>JL</u>		
SL-SO-301-1618 SL-SO-301-1618 Landfill Loose Black Silty SAND with wood chips and plastic Hostess wrappers (0.6 feet) SM Dry PID = *** FID = 0 NO RECOVERY NO RECOVERY NO RECOVERY NO RECOVERY SIlty SAND with wood chips and plastic Hostess wrappers (0.6 feet) NO RECOVERY - NO SAMPLE - Material in nose is same as above, with a piece of steel 2* long No Recovery - No Sample - Material in nose is same as above, with a piece of steel 2* long No Recovery - No Sample - Moist PID = 0 FID = 0 Silty SAND - pieces of plastic, wood, possible brown slag Moist PID = 0 FID = 0	(FEET)	PER	REC. / SAMP	TIME & SAMPLE NO.	MA CH WE	AT'L IG./ ELL	DEN: CON or R	SITY/ ISIS. OCK	CLR				ROCK	(mois odo clas:	ture condition; rs; geological sification; rock	SCREENING DATA METHOD =
Total Tota		9		SL-SO-301-1618	Lan	dfill	Loc	ose	Black		Silty SAND with wood chips and plastic Hostess wrappers (0.6 feet)	-	SM		unching, etc.)	
18 8 1/20/04 @ 1247 1 2 NO RECOVERY NO RECOVERY NO RECOVERY - NO SAMPLE - Material in nose is same as above, with a piece of steel 2" long No Recovery - No Sample - Material in nose is same as above, with a piece of steel 2" long No Recovery - No Sample - Material in nose is same as above, with a piece of steel 2" long No Recovery - No Sample - Material in nose is same as above, with a piece of steel 2" long No Recovery - No Sample - Material in nose is same as above, with a piece of steel 2" long No Recovery - No Sample - Moist PID = 0 FID = 0 FID = 0 FID = 0		7	1.0′						l I				1	J .,		
NO RECOVERY - NO SAMPLE - Material in nose is same as above, with a piece of steel 2" long Nose SL-SO-301-2022 Loose Sifty SAND - pieces of plastic, wood, possible brown slag Moist PID = *** FID = 0 SITURD = *** FID = 0 FID = 0 FID = 0 FID = 0		8	2.0°													
NO RECOVERY - NO SAMPLE - Material in nose is same as above, with a piece of steel 2" long No Recovery - No Sample - Material in nose is same as above, with a piece of steel 2" long No Recovery - No Sample - Material in nose is same as above, with a piece of steel 2" long No Recovery - No Sample - Material in nose is same as above, with a piece of steel 2" long No Recovery - No Sample - Material in nose is same as above, with a piece of steel 2" long No Recovery - No Sample - Material in nose is same as above, with a piece of steel 2" long No Recovery - No Sample - Material in nose is same as above, with a piece of steel 2" long No Recovery - No Sample - Material in nose is same as above, with a piece of steel 2" long No Recovery - No Sample - Material in nose is same as above, with a piece of steel 2" long No Recovery - No Sample - Material in nose is same as above, with a piece of steel 2" long No Recovery - No Sample - Material in nose is same as above, with a piece of steel 2" long No Recovery - No Sample - Material in nose is same as above, with a piece of steel 2" long No Recovery - No Sample - Material in nose is same as above, with a piece of steel 2" long No Recovery - No Sample - Material in nose is same as above, with a piece of steel 2" long No Recovery - No Sample - Material in nose is same as above, with a piece of steel 2" long No Recovery - No Sample - Material in nose is same as above, with a piece of steel 2" long No Recovery - No Sample - Material in nose is same as above, with a piece of steel 2" long No Recovery - No Sample - Material in nose is same as above, with a piece of steel 2" long No Recovery - No Sample - Material in nose is same as above, with a piece of steel 2" long No Recovery - No Sample - No Sampl	18	8	′	1/20/04 @ 1247								- 1				ĺ
No recovery No recovery		1			1											
4 SL-SO-301-2022 Loose Slity SAND – pieces of plastic, wood, possible brown slag Moist PID = 0 FID = 0 7 2.0'	20	2		NO RECOVERY								'e,		Moist		
$ \begin{array}{c c} \hline 7 \\ \hline 7 \\ \hline 7 \end{array} $ 1.0' 2.0' $ \begin{array}{c c} \hline PID = 0 \\ \hline FID = 0 \end{array} $	20			CL CO 204 2000			<u> </u>									
7 2.0'			10'	SL-SU-301-2022			Loc	ose		i	Silty SAND – pieces of plastic, wood, possible brown slag	- 1				
	-		. /							1		- 1		Possible	odor	FID = 0
22 9 1/20/04 @ 1410	22		7 2.0	1/20/04 @ 1410					▼			- 1				
	22	ļ					-		- B		TU: CAND	_				
PID=0		3	,	SL-SU-301-2224	ì				Brown	ŀ	Thin SAND layer		SP	Dry		
3 0.8' FID = **										ŀ		- 1				FID = **
4 2.0' Black Silty SAND with cinder, brick, glass, wood SM			2.0'				0		Black	1	Silty SAND with cinder, brick, glass, wood	- 1	SM			
24 3 1/20/04 @ 1533	24	3		1/20/04 @ 1533								- 1				
4 SL-SO-301-2426 Black Silty SAND – pieces of brick, glass, possible brake pad, burnt paper Wet PID = 0		4		SL-SO-301-2426					Black		Silty SAND - pieces of brick, glass, possible brake pad, burnt paper			Wet	-	PID = 0
4 1.5' PACM noted FID = **		4	l /									- 1		PACM n	oted	
5 2.0'			2.0'						1			- 1				
26 5 1/20/04 @ 1555	26	5										- 1	₩			
1 SL-SO-301-2628 Black Sitty SAND – some pieces of burnt wood ML/SM Wet PID = 0				SL-SO-301-2628					Black		Silty SAND – some pieces of burnt wood		ML/SM	Wet		PID = 0
2 1.5' /	<u> </u>	2														
2 2.0' Olive Gray SILT and fine silty SAND – layered (possible natural materials) SM		2	2.0'						Olive Gr	ay	SILT and fine silty SAND – layered (possible natural materials)		SM			
28 2 1/20/04 @ 1616	28	2		1/20/04 @ 1616								- 1				
3 SL-SO-301-2830 Black Silty SAND, piece of céramic tile, paper in nose, burnt material, plastic Wet PID = 0	ļ ,			SL-SO-301-2830			l. T		Black	T	Silty SAND, piece of céramic tile, paper in nose, burnt material, plast	ic		Wet		PID = 0
4 1.4' FID = **		4										- 1				FID = **
4 / 2.0'		4	2.0'									- 1	,			1
30 19 1/20/04 @ 1630	30	19	:									- 1				
4 SL-SO-301-3032		4		SL-SO-301-3032		,	1		Black		Silty SAND, pieces of plastic and glass			Wet		PID = 0
5 1.8' / FID = 2.5		5							L .				•			
7 2.0' Natural Dense Olive Gray Organic SILT, layers of brown roots noted. Peat material OL/PT Natural material		7	/ 2.0'				Der	nse	Olive Gra	ay	Organic SILT, layers of brown roots noted. Peat material		OL/PT	Natural r	naterial	
32 6 1/21/04 @ 0920 Materials Sulfur odor	32	6		1/21/04 @ 0920	Mate	rials			į.			- 1				
TYPE OF DRILLING RIG: Truck Mounted - CME Note:	TYPE OF	DRILLING	NG.	Truck Mounted - CME							Note:					
METHOD OF ADVANCING BORING: Hollow Stem Auger to 31' bgs – Drive and Wash after 31' bgs, end environmental sampling Environmental boring to natural materials, then Geotech boring	1					Dri	ve and \	Nach at	fter 31' ha	e or		als the	en Geoteo	h horing	Tetra Tec	h NUS, Inc.
METHOD OF SOIL SAMPLING: 3" split spoon = 140 lb hydraulic hammer 30" drop									o i by	J. C	* = FID reading 0.7 ambient air	,	000100	voing		$\overline{}$
METHOD OF ROCK CORING: NA *** = FID flame not starting *** = PID not starting								- م			*** = FID flame not starting					∄- ∣
GROUNDWATER LEVELS: Water table approximately 24 ft bgs PACM = Potential asbestos containing material	F			Water table approxima	itely 24	ft bgs					PACM = Potential asbestos containing	mater	ial		_	<u>-</u>
OTHER OBSERVATIONS: BORING NO.: SL-SB-301 PAGE: 2 OF 4	OTHER O	BSERVATION	ONS:												PAGE:	2 OF 4

BORING L PROJECT LOGGED DRILLED GRD. SUR	NO.: BY; BY (Compa	any/Driller): EVATION:	Raymark OU9 Rl/ N1369 M. Healey/J. Dani Dragin/B. Swiatek	ieli			TRANSCRIBED BY: RAC ELEVATION FROM:	BORING NO.: START DATE: COMPLETION: MON. WELL N CHECKED BY:	O.:	SL-SB-301 1/19/04 1/21/04 N/A JL	
DEPTH (FEET) 32	BLOWS PER 6"	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MA''L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION		USCS or ROCK BRKN	(moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
34				_	advance aug	er stickup ab	natural materials – switched over to 3" casing and drivove ground surface and 2' (also height of wash tub). - where rods will break easiest at 38' bgs (so 7' from	Will take split spoon e	very 5'		
36					-						
38	4 4 5	1.8'	No environmental samples collected		Dense	Brown	Organic (roots) silty CLAY		ОН	Wet Sulfur odor	PID and FID not Recorded
42	7		1/21/04 @ 1150			_					
44	19 22 32 48	1.2' 2.0'	No environmental samples collected		Dense	Gray	Gravelly SAND, fine-coarse SAND with some grave trace silt, possible sandy till	el to 1" (rounded),	SW	Wet	PID = 0 FID = 0
46									\$		
48											
1	OF ADVANC OF SOIL SA OF ROCK C VATER LEV	CING BORING MPLING: ORING: /ELS:	Truck Mounted – CP From 31' bgs – Driv 2" split spoon – 140 NA Water table approxi	e and Wash v lb hydraulic h	ammer 30" dro			BORING NO.: S	L-SB-301	PAGE: 3	E)

BORING I PROJECT LOGGED DRILLED GRD. SUR	NO.: BY: BY (Comp	any/Driller): EVATION:	Raymark OU9 Rl. N1369 M. Healey/J. Dani Dragin/B. Swiatek	ieli			TRANSCRIBED BY:	RAC	BORING NO.: START DATE: COMPLETION MON. WELL N CHECKED BY	0.:	SL-SE 1/19/0 1/21/0 N/A JL)4	
DEPTH (FEET) 48	BLOWS PER 6"	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR		MATERIAL CLASSIFICATION		USCS or ROCK BRKN	(moist odor class	EMARKS ture condition; s; geological ification; rock thering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
	26 24 32	0.8'	No environmental samples collected	Natural Material	Dense	Gray	Gravelly SAND, fine-coa trace silt. Possible sand	rse sand with some gravel u y till	p to 1" (rounded),	sw	Wet	<u> </u>	PID = 0 FID = 0
50	62		1/21/04 @ 1430	EOB @ 50' bgs									
						<u>r.</u>							
												· · · · ·	
													
METHOD (OF ADVAN OF SOIL SA OF ROCK (WATER LE ^N	CING BORIN AMPLING: CORING: VELS:	Truck Mounted – Cl G: From 31' bgs – Driv 2" split spoon – 140 NA Water table approxi	e and Wash v Ib hydraulic h	ammer 30" dro				BORING NO.:	GL-SB-301		Tetra Tech	<u>E</u>

BORING L	OG FOR:		Raymark OU9 RI/	/FS – Stratfo	rd Landfill			BORING NO.:		SL-SB-302	
PROJECT	NO.:		N1369-0320			_		START DATE:		1/22/04	
LOGGED	BY:		J. Danieli				FRANSCRIBED BY: RAC	COMPLETION:	DATE:	1/22/04	
DRILLED	BY (Compa	any/Driller):	Dragin/B. Swiatek	dG. Donahue)			MON. WELL NO		N/A	
GRD. SUF	RFACE ELI	EVATION:				<u> </u>	4	CHECKED BY:		JL	
				_	l management					promote the second seco	
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION		USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
	2	0.01	SL-SO-302-0002		Dense	Brown	SILT with leaves and plastic		ML	Dry	FID = 0
2	2 4 7	2.0'	1/22/04 @ 1350			-	+				PID = 0
3	6 100 for 3"	0.8'	SL-SO-302-0203 1/22/04 @ 1400		Loose	Dark Brown	Silty SAND, plastic, leaves, and small wood chips		SM/Fill	Moist	FID = 0 PID = 0
	1 4 19	1.1'	SL-SO-302-0305		Loose	Dark Brown to Red Brown	Silty SAND with wood, ash, cinders, plastic			Moist	FID = 500 PID = 0
5	19 22	2.0'	1/22/04 @ 1410			Dark Gray	Silty SAND with wood, plastic				
	16 21	0.6'	SL-SO-302-0507			Dark Brown	Silty SAND, 1 large piece of gravel (2*), roots, wood	chips, plastic		Moist Strong odor	FID = 2.9 PID = 0
7	30 34	2.0'	1/22/04 @ 1415				\		•		
				EOB @ 7' bgs							
					 		N. L. Ober 44th and a second state of the seco				
							Note: Stop drilling due to sustained readings (>1000 in breathing zone. Will return with LEL 02 meter.				
							Return on 1/26/04 – Multi Gas Meter continually reac range – decide to abandon hole and to start new hole				
,					 						
				_	ļ				,		
TYPE OF	DRILLING F	RIG:	CME - Truck moun	ited rig						Tetra Tecl	h NUS, Inc.
METHOD	OF ADVAN	CING BORIN								1000	
METHOD	OF SOIL SA	AMPLING:	3" split spoon – 140) lb hydraulic h	ammer 30" dr	ор					1]
METHOD	OF ROCK (CORING:	NA				· 			i 1 1	1.

GROUNDWATER LEVELS:

OTHER OBSERVATIONS:

Not observed

1 OF

PAGE:

BORING L	OG FOR:		Raymark OU9 RIA	/FS - Stratfor	rd Landfill			BORING NO.:		SL-SE	3-302A	
PROJECT	NO.:		N1369 - 0320					START DATE:		1/26/0		
LOGGED	BY:		J. Danieli				TRANSCRIBED BY: RAC	COMPLETION:	DATE:	1/26/0		
DRILLED	BY (Compa	any/Driller):	Dragin/B. Swiatek	a/G. Donahi	ue			MON. WELL N		N/A		
	RFACE ELE						ELEVATION FROM:	CHECKED BY:		JL		
DEPTH (FEET)	BLOWS PER	SAMP REC.	SAMPLING TIME &	DEPTH MAT'L	SOII. DENSITY/		MATERIAL		USCS		EMARKS ture condition:	FIELD SCREENING
(FEE1)	6"	SAMP	SAMPLE NO.	CHG./ WELL	CONSIS. or ROCK	CLR	CLASSIFICATION		Or ROCK		s; geological	DATA
0		LENG.	(QA/QC STATUS)	PROF'L	HARD.	OLI C			BRKN		ification; rock thering; etc.)	METHOD = [FID, (PPM)]
	3		SL-SO-302A-0002	Landfill	Frozen	Dark	Fine-medium SAND, roots, possible brake pad, trac	e gravel, pieces of	sw	Frozen		PID = 0
	4	1.2'				Brown	plastic, cinder, paper, chunk of wood in nose					FID = 2.0
	9	2.0°	4 /OR /D 4 / ØD 4 4 D E									
3	27		1/26/04 @ 1405	-				 	<u></u>			
3			01 00 0001 0005	4	ļ		Auger down to 3' to ge					
	6	001	SL-SO-302A-0305			Dark Brown	Silty SAND, plastic, wood chips, light brown possible metal, Budweiser can, possible piece of brake pad.	e fiberous material,	SM / Fill	Damp, F	PACM noted	PID = 0
<u> </u>	13 5	0.9'				Dioini	mount, buditeless dans, possible piece of brake pag.		"			FID = 300
5	6	. 2.0	1/26/04 @ 1425						l 1			
-	7		SL-SO-302A-0507	1			Similar to above with large piece of wood approxima	etaly 2" and large	 	Wet		DID -
	14	0.7'	02 00 002.				piece of rubber approximately 2", brake pad pieces	ately 2 and large		PACM	oted	PID = 0 FID = 3.5
	16	2.0'										
7	13		1/26/04 @ 1450									
	6								 	Wet	·	PID = 0
	6	0.3'	NO SAMPLE Not enough sample				Similar to above with large piece of metal and metal	cuttings and piece				FID = 2.2
	9	2.0'	material				of tile					j
9	14			-								<u>. </u>
	7	1.0'	NO SAMPLE							Wet		PID = 0
	19	2.0'	Not enough sample				Similar to above					FID = 20
11	27	/ 2	material (soil)	▼	1				♦			
				EOB @			Stopped drilling - hole catches fire - small fire - put	out by smothering				
				11' bgs			with snow. Decided to abandon hole and 302 area					<u>[</u>
										i		
				-	-							
					ļ.							
												·
						_			•			
						-				·		
												
												,
TYPE OF	DRILLING R	NG.	CME – Truck moun	ted ria						<u>' </u>		
1		cing Borin						- Note:			Tetra Tech	NUS, Inc.
1	OF SOIL SA		3" split spoon – 140		nammer 30" dro	p		Environmental bori	•			.)
METHOD	OF ROCK C	ORING:	NA					- PACM = Potential				
1	WATER LEV		Not observed						g material		<u></u>	-)
OTHER O	BSERVATIO	ONS:						BORING NO.: S	L-SB-302/	A	PAGE: 1	OF 1

BORING LOG FOR:	Raymark OU9 RI/FS - Stratford Landfill		BORING NO.:	SL-SB-303
PROJECT NO.:	N1369-0320	<u>-</u>	START DATE:	1/22/04
LOGGED BY:	J. Danieli	TRANSCRIBED BY: RAC	COMPLETION: DATE:	1/23/04
DRILLED BY (Company/Driller):	Dragin/B. Swiatek/G. Donahue		MON. WELL NO.:	N/A
GRD. SURFACE ELEVATION:		ELEVATION FROM:	CHECKED BY:	JL
SAMP	CAMPLING		36	

	r	SAMP	SAMPLING								-
DEPTH	BLOWS	REC.	TIME	DEPTH	SOIL			LIS	cs	REMARKS	FIELD
(FEET)	PER	/ /	&	MAT'L CHG./	DENSITY/ CONSIS.		MATERIAL CLASSIFICATION		or	(moisture condition;	SCREENING
,	6"	SAMP	SAMPLE NO.	WELL	or ROCK	CLR	CLASSIFICATION		CK	odors; geological classification; rock	DATA METHOD =
0		LENG.	(QA/QC STATUS)	PROF'L	HARD.			BR	KN	weathering; etc.)	[FID, (PPM)]
	41		SL-SO-303-0002		Dense	Dark	SAND and GRAVEL. Pieces of plastic, brick, wood	S	W/	Dry	PID = 0
	69	2.0'				Brown		G	W		FID = 0
	54	2.0'						1			
2	50	/	1/22/04 @ 1530								
	42		SL-SO-303-0204		Loose	Gray	Fine-medium SAND	s	P	Dry	PID = 0
	39	1.2'				White	Cobble (0.3' long)		l		FID = 0
	23	2.0'				Dark	Fine medium SAND, some silt, wood chips, white/gray piece of cobble	1			1
4	29	'	1/22/04 @ 1540			Brown	(0.3' long)				
	4	,	SL-SO-303-0406				1	 	<u> </u>	Dry	PID = 0
	6	1.5'							ŀ	,	FID = 0
	6	2.0'									
6	5		1/22/04 @ 1550		Loose						
	7		SL-SO-303-0608		$\overline{}$			+	\vdash	Dry	PID = 0
	9	1.5'				*	↓	1	*	, -,,	FID = 6
	11	2.0°			Dense	Gray	Sandy SILT, some gravel	Т и	11		
8	10	·	1/22/04 @ 1600			l i	Silty SAND, some gravel	S			! !
	8		SL-SO-303-0810				Sandy SILT, trace gravel, pieces of wood, tile	M	_	Dry	PID = 0
1	5	0.2'						"	-	,	FID = 0
	5	2.0'									
10	6		1/22/04 @ 1603			*					
	6		SL-SO-303-1012		Dense	Dark	Silty SAND, pieces of wood, brick, trace gravel	s	M	Dry	PID = 0
j j	8	0.6'				Brown	1		ï.	,,	FID = 0
-	7	2.0'									
12	9	' = •	1/22/04 @ 1605								
	3		SL-SO-303-1214					+-	 	Dry	DID = 0
,	3	2.0'								Diy	PID = 0 FID = 0
	3	2.0'				\ \ \	∀		Ļ		
14	3	/ 2.0	1/22/04 @ 1615			Gray	SILT, some sand, trace roots and gravel	I M	v Liè		
 	5		SL-SO-303-1416			Dark	Silty SAND with gravel, plastic trash bag, wood chips, leaves				<u> </u>
	9	1.4'	OE-00-000-1410			Brown	Only Orbito with graver, plastic trash bag, wood chips, leaves	Si	IVI	Dry	PID = 0 FID = 3.5
<u> </u>	13	2.0'									FID = 3.5
16	13	/ 2.0	1/22/04 @ 1623								
	12				<u></u>					<u> </u>	

TYPE OF DRILLING RIG:	CME – Truck mounted		Tetra Tech	NIIS In	
METHOD OF ADVANCING BORING:	HSA	Note:	10114 7007	7100, <i>m</i>	ro.
METHOD OF SOIL SAMPLING:		Environmental and Geotechnical		•)	
METHOD OF ROCK CORING:		boring to identify Raymark waste and identify stability of natural materials			
GROUNDWATER LEVELS:	Water table approximately 38' bgs	identify dublinky of flatteral finaterials		-)	
OTHER OBSERVATIONS:		BORING NO.: SL-SB-303	PAGE: 1	OF	4

PROJECT LOGGED DRILLED	BY: BY (Comp	any/Driller): EVATION:	Raymark OU9 RI/ N1369-0320 J. Danieli Dragin/B. Swiatek					DATE: ETION: DATE: ELL NO.:	SL-SB-303 1/22/04 1/23/04 N/A JL	
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DEN SITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION	USCS or ROCK BRKN	(moisture concition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)
18	9 31 22 14	0.5'	SL-SO-303-1618 1/22/04 @ 1630		Loose	Black	Silty SAND with plastic, twigs, cloth, wood chips, brick	SM	Dry	PID = 5.6 FID = 32
20	42 50 39 22	0.3'	NO RECOVERY Recovery too low-not enough sample material						Moist	PID = 0 FID = 0
22	9 13 24 12	1.0' 2.0'	SL-SO-303-2022 1/22/04 @ 1648				Mix of wood chips with silty SAND, primarily wood – large chunk fi 0.6' to nose	om	Dry	PID = 0 FID = 4
24	8 13 19	0.3'	NO RECOVERY Recovery too low-not enough sample material				Similar to above with plastic bags and piece of red wood		Dry	PID = 0 FID = 0
26	14 29 38 51		NO RECOVERY				NO RECOVERY			PID = NA FID = NA
28	19 23 21 25	0.5' 2.0'	SL-SO-303-2628 1/23/04 @ 0844		Loose	Black	Fine-coarse SAND with gravel, plastic, wood (red wood pieces), n glass	ails, SW	Dry	* PID = NA FID = 1.0
30	14 9 6 12	0.8' 2.0'	SL-SO-303-2830 1/23/04 @ 0850				•	,		* PID = NA FID = 0
32	9 7 10 13	0.8' 2.0'	SL-SO-303-3032				Fine coarse SAND with gravels and trace silt, plastic, glass, wood cloth, nails	sw	Moist	* PID = NA FID = 0

TYPE OF DRILLING RIG:	CME – Truck mounted	Note:	Tetra Tech NUS, Inc.
METHOD OF ADVANCING BORING:	HSA	Environmental and Geotechnical boring to	7007700, 770.
METHOD OF SOIL SAMPLING:	3" split spoon – 140 lb hydraulic hammer 30" drop	identify Raymark waste and identify stability of	(-)
METHOD OF ROCK CORING:	NA	natural materials	
GROUNDWATER LEVELS:	Water table approximately 38' bgs	* = PID not working correctly – unit damaged	
OTHER OBSERVATIONS:		BORING NO.: SL-SB-303	PAGE: 2 OF 4

PROJECT LOGGED DRILLED	ORING LOG FOR: ROJECT NO.: OGGED BY: RILLED BY (Company/Driller): RD. SURFACE ELEVATION: SAMP		Raymark OU9 Ri/ N1369-0320 J. Danieli Dragin/B. Swiatek				TRANSCRIBED BY: RAC ELEVATION FROM:	BORING NO.: START DATE: COMPLETION: DATE: MON. WELL NO.: CHECKED BY:	SL-SB-303 1/22/04 1/23/04 N/A JL	
DEPTH (FEET) 32	BLOWS PER 6"	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG/ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION	USCS or ROCK BRKN	(moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
34	8 36 19 17	1.5' 2.0'	SL-SO-303-3234 1/23/04 @ 0915	Landfill	Loose	Black	Fine-medium SAND with some gravel and silt, plastic (0.4' long), Plastic Hostess wrappers	, nails, glass SW	Moist	PID = 0 FID = 0
	12 100 for 3"	0.5'	SL-SO-303-3436							PID = 0 FID = 0
36	56 14 16	0.8'	1/23/04 @ 0922 SL-SO-303-3638				Approximately 1" of soil, similar to above. Remaining	9° = plastic Fill	Moist	PID = 0 FID = 0
38	100 for 1* 14 100 for 4*	0.7'	1/23/04 @ 0945 SL-SO-303-3839		<u> </u>		Silty SAND, pieces of plastic	SM	Wet Petroleum sheen noted	PID = 0 FID = 0
40	8 15	1.0'	1/23/04 @ 1010 SL-SO-303-4042	-			Sitly SAND, layer of organic SILT. Pieces of plastic a	nd wood	Wet (soupy) Rotten egg odor	PID = 0 FID = 0
42	10 10 3	0.5'	1/23/04 SL-SO-303-4244	-						
44	3 4 5 9	2.0'	1/23/04 @ 1039 SL-SO-303-4445			Dark	Fine-medium SAND, some silt Fine-medium SAND, some silt and pieces of plastic	↓ SP	Wet Sulfur odor Wet	PID = 0 FID = 0 PID = 0
46	6 7 8	1.0' 2.0'	1/23/04 @ 1050	Natural materials - @ 45'		Gray	Fine-medium SAND, some silt. No fill material; layeri	ng noted	Sulfur odor	FID = 0
40				bgs						
METHOD (METHOD (GROUND)		CING BORIN MPLING: ORING: /ELS:	G: HSA Drive and W 3* split spoon 140 NA Water table approxi	ash, with 3" c	nammer 30" dro			Note: Environmental and Geotechn boring to identify Raymark wa identify stability of natural ma	ste and	NUS, Inc.

BORING L PROJECT LOGGED DRILLED GRD. SUF	NO.: BY: BY (Comp	any/Driller):	Raymark OU9 RI. N1369-0320 J. Danieli Dragin/B. Swiatek				TRANSCRIBED BY: RAC ELEVATION FROM:	BORING NO.: START DATE: COMPLETION MON. WELL N CHECKED BY:	O.;	SL-SB-303 1/22/04 1/23/04 N/A JL	3	
DEPTH (FEET) 48	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION		USCS or ROCK BRKN	REMA (moisture d odors; ge classificati weatherin	condition; ological on; rock	FIELD SCREENING DATA METHOD = [FID, (PPM)]
50				Natural material								
52	9 14 22 31	0.25'	NO ANALYTICAL SAMPLES COLLECTED				Sandy GRAVEL, fine gravel to 1* with fine medium sand and trace silt	sand, little coarse	GW	Wet		
54												
56	19 21 18 24	0.9'	NO ANALYTICAL SAMPLES COLLECTED				Gravelly SAND, fine to medium sand with some coa some fine gravel	rse sand and	SP	Wet		
				EOB @ 58' bgs								
									\$			
METHOD (OF ADVAN OF SOIL SA OF ROCK (WATER LE	CING BORIN AMPLING: CORING: VELS:	CME – Truck moun HSA – Drive and W 2" split spoon – 140 NA Water table approxi	ash, with 3" lb hydraulic	hammer 30" dro			BORING NO.: S	SL-SB-303		Tetra Tech I	NUS, Inc.

BORING LOG FOR:	Raymark OU9 RI/FS - Stratford Landfill		BORING NO.:	SL-SB-304
PROJECT NO.:	N1369-0320		START DATE:	1/26/04
LOGGED BY:	J. Danieli	TRANSCRIBED BY: RAC	COMPLETION: DATE:	1/27/04
DRILLED BY (Company/Driller):	Dragin/B. Swiatek/G. Donahue		MON, WELL NO.:	N/A
GRD. SURFACE ELEVATION:		ELEVATION FROM:	CHECKED BY:	JL

		1		-	,		The state of the s			
DEPTH	BLOWS PER	SAMP	SAMPLING	DEPTH	SOIL			UCCC	REMARKS	FIELD
(FEET)	6°	REC.	TIME &	MAT'L	DENSITY/		MATERIAL	USCS	(moisture condition;	SCREENING
(*****)	"	SAMP	SAMPLE NO.	CHG./	CONSIS.		CLASSIFICATION	ROCK	odors; geological	DATA
0	N/A	LENG.	(QA/QC STATUS)	WELL	or ROCK	CLR		BRKN	classification; rock	METHOD =
<u> </u>		ELITO.	SL-SO-304-0002	PROF'L	HARD.				weathering; etc.)	[FID, (PPM)]
	46	0.71	\$L-\$O-304-0002	Landfill	Frozen	Light Brown	3" of snow, fine-medium SAND with gravel	sw	Dry / Frozen	PID = 0
	100 for 3"	0.7'		1 1	1 1	DIOWII			İ	FID = 0
•		/ 2.0'		III V						
2			1/26/04 @ 1558	10 11	E 3					
	9					-				PID = 0
1	13	0.15'	NO SAMPLE							FID = 5.9
 		2.0'	Recovery too low				NO SAMPLE - RECOVERY TOO LOW		1	110 - 0.9
1.	12	/ 2.0	recovery too ton	M 0						1
4	15						<u> </u>			1
1	6	/	SL-SO-304-0406		Loose	Dark	Decomposed leaves, silty SAND, pieces of brick, plastic, metal, some	SM	Moist	PID = 0
	10	1.4'			1 1 1	Gray /	gravel			FID = 2
	9	2.0'				Black			1	
6	11		1/26/04 @ 1626	1 1 1	1 1 1					
-	4		SL-SQ-304-0608			Black	Sitly SAND with brick, metal, plastic			
		401	35-30-304-0000			DIACK	Silly SAND with brick, metal, plastic	SM	Wet	PID = 0
	7	1.0'		III II					Petroleum odor	FID = 24
	7	2.0'							1	
8	11		1/26/04 @ 1635	1				İ		1
	6		SL-SO-304-0810				Same as above also including wood chips	SM	Wet	PID = 0
	8	0.5' /				•		•		FID = 0
	8	2.0'								
10		/ 2.0	1/26/04 @ 1642		l I. I	L _ I				İ
10	14		1120104 (2) 1042							
ľ	9	/			1 1			SM	Wet	PID = 0
	100 for 4"	0.1'	NO SAMPLE		1 1		NO SAMPLE - RECOVERY TOO LOW			FID = 27
		/ 2.0'	Recovery too low	1 3	I I		NO SAMPLE - RECOVERY TOO LOVE			1
12					1 1					
	16			13						L DID O
		0.7' /	NO SAMPLE							PID = 0
	100 for 2"		Not enough sample	1 4	i II		NO SAMPLE - NOT ENOUGH			FID = 0
		2.0'	material	1 1			SAMPLE MATERIAL			
14				1 %				*		
	6		SL-SO-304-1416	[[PID = 7.8
1	14	1.0'								FID = 20.5
	38	2.0					<u> </u>			
16	19	/ 2.0	1/27/04 @ 1010	1	Lacas	Disale	Large piece of concrete (2*) groups to CAAID			
10	19		1121104 @ 1010	<u> </u>	Loose	Black	Large piece of concrete (3"), gravelly SAND	SW		

TYPE OF DRILLING RIG:	CME – Truck mounted		Tetra Tech NUS, Inc.
METHOD OF ADVANCING BORING:	HSA - Landfill material/Drive and Wash - Natural material	Note:	7007 1100, 1110.
METHOD OF SOIL SAMPLING:	3" split spoon (Landfill) / 2" spoon (Natural) - 140 lb hydraulic hammer 30" drop	Environmental and Geotechnical	(===
METHOD OF ROCK CORING:	NA .	boring	
GROUNDWATER LEVELS:	Water table approximately 24' bgs		
OTHER OBSERVATIONS:		BORING NO.: SL-SB-304	PAGE: 1 OF 3

BORING	LOG FOR:		Raymark OU9 R	I/FS - Stratfo	rd Landfill		BORING	NO.:	SL-SB-304	
PROJECT	NO.:		N1369-0320				START D	ATE:	1/26/04	
LOGGED	BY:		J. Danieli				TRANSCRIBED BY: RAC COMPLET	TION: DATE:	1/27/04	
DRILLED	BY (Comp	any/Driller):	Dragin/B. Swiate	k/G. Donahu	e		MON. WE	ELL NO.:	N/A	
GRD. SU	RFACE ELI	EVATION:					ELEVATION FROM: CHECKEI	DBY:	JL	
	T		T							
DEPTH	BLOWS PER	SAMP REC.	SAMPLING TIME	DEPTH	SOIL				REMARKS	FIELD
(FEET)	6"	I REG.	& ************************************	MAT'L	DENSITY/		MATERIAL	USCS or		SCREENING
(/		SAMP	SAMPLE NO.	CHG./ WELL	CONSIS. or ROCK	CLR	CLASSIFICATION	ROCK	odors; geological	DATA
16	N/A	LENG.	(QA/QC STATUS)	PROF'L	HARD.	OLK		BRKN	classification; rock weathering; etc.)	METHOD =
	9	· · · · · · · · · · · · · · · · · · ·	SL-SO-304-1618	Landfill	Loose	Brown	Fine-medium SAND, trace gravel, pieces of wood and nails	SP	Moist	FID = 10.6
	21	0.5'					3-3-3-1 p-3-3-3 3-3-1 p-3-3-3 3-3-1 p-3-3-3 3-3-1 p-3-3-3 3-3-3 3-3-3 3-3-3 3-3-3 3-3-3 3-3-3 3-3-3 3-3-3 3-3	J.	HOO	PID = 0
	36	2.0'								1
18	20	/	1/27/04 @ 1012	1				- 1		1
	6		SL-SO-304-1820	-10		Gray	Same as above with see shalls (pessible deader material)			-l
	14	1.2'	31-30-304-1020			Giay	Same as above with sea shells (possible dredge material)	SP	Moist	FID = 0 PID = 0
		1 /		1		1				PID = 0
	19	/ 2.0'	1/07/04 0 1045							1
20	18		1/27/04 @ 1015	- 1				10		
1	4		SL-SO-304-2022						Moist	FID = 0
	5	1.0'					1	- 1		PID = 0
	6	2.0'				li.	▼			1
22	5		1/27/04 @ 1023		Dense	Dark Gray	Sandy SILT, pieces of wood and plastic	ML		
"	4		SL-SO-304-2224	7	Loose	Black	Silty SAND, pieces of plastic, wood, burnt wood, brick, white and br	own SM		FID = 0.2
	5	1.2'			1	0	fiborous material			PID = 0
	6	2.0			D.					1
24	5	/	1/27/04 @ 1035		1					
	3			- 1		-				
	2		NO SAMPLE - NO		1					1
	4		RECOVERY	1	l.		NO SAMPLE - NO RECOVERY - Chunk of wood in nose		Wet – approximate water table	FID = NA
26	7	ł							table	PID = NA
20				-	-	-				
1	11			-						1
ļ	16		NO SAMPLE - NO RECOVERY		1		NO SAMPLE - NO RECOVERY	- 1		FID = NA
	17		RECOVERY					- 1		PID = NA
28	19	 -		-						1
1	14		SL-SO-304-2830		Loose	Black	SILT soupy with wood chips		Wet	* FID = 0
<u></u>	100 for 2"	0.8'			1				Soupy	PID = 0
}		2.0'		1 1				- 1	Sheen noted	1
30]	1/27/04 @ 1135	Natural				*		
	19		SL-SO-304-3032	Material	Loose	Dark Gray	Fine medium SAND, silty, some wood chips	SM	Petroleum odor *	FID = 90.7
İ	24	1.5'		@ 31' bgs					Wet gravel-orange	PID = 0
	31	2.0'			Compact	Gray	SiLT with gravel, trace sand (possible natural till)	ML	 staining – weathered 	1
32	37	,	1/27/04 @ 1200	1	l .	j.	L Company			l.
	<u> </u>	· · · · · · · · · · · · · · · · · · ·			-				<u>- </u>	
1	DRILLING F		CME - Truck mou				Note:	-	Tetra Tech	NUS. Inc.
1		CING BORIN					Environmental an	d Cootoobnical t		
1	OF SOIL SA		3" split spoon (Lan	dfill) / 2" spoor	i (Natural) - 14	0 lb hydraulic	hammer 30" drop ====================================			
1	OF ROCK O		NA NA				from 5-300 p	pm; no sustained	reading	t
1 CPOUND	MATERIE	VELC:	Mater table annrov	rimately 24' ha	e					,

GROUNDWATER LEVELS:

OTHER OBSERVATIONS:

Water table approximately 24' bgs

2 OF

PAGE:

BORING I	OG FOR:		Raymark OU9 RI/	/FS - Stratfo	ord Landfill			BORING NO.:		SL-SB	-304	
PROJECT	NO.:		N1369-0320					START DATE:		1/26/0		
LOGGED			J. Danieli				TRANSCRIBED BY: RAC	COMPLETION:	DATE:	1/27/0		
DRILLED	BY (Compa	any/Driller):	Dragin/B. Swiatek	JG. Donahu	ie .	_		MON. WELL N		N/A	<u></u>	
GRD. SUF	RFACE ELI	EVATION:					ELEVATION FROM:	CHECKED BY:		JL		
	1	1	T						_			
DEPTH	BLOWS PER	SAMP REC.	SAMPLING TIME	DEPTH MAT'L	SOIL DENSITY/		MATERIAL		USCS		EMARKS ure condition;	FIELD SCREENING
(FEET)	6"	/ SAMP	& SAMPLE NO.	CHG./	CONSIS.		CLASSIFICATION	ON	or ROCK		s; geological	DATA
32	N/A	LENG.	(QA/QC STATUS)	WELL PROF'L	or ROCK HARD.	CLR			BRKN		fication; rock hering; etc.)	METHOD = [FID, (PPM)]
	14 21	1.5'	NO SAMPLE	Natural material		Dark Gray	Fine-coarse SAND with gravel		SW	Wet Natural n	···	FID = 0 PID = 0
	25	2.0'	IIO OAIII EE		1 1	Olive					over to Drive	10-0
34	26	/ 2.0	1/27/04			Gray			ML	and Was	sh	
34	26	ļ	1/2//04	-	\vdash	City						
					1 1					1		
					1 1							
i					i l							
36				_								
					1 1			** *				
38												
				1								
		1										
	19			1		Olíve	GRAVEL with silt and fine-coarse sand	*	GM	Wet		ļ
40	27	0.6′			1 1	Gray			Olfi	***************************************		i
	58	2.0'	NO SAMPLE							l		
	51	/ 2.0	,		1 1					1		
	. Ji			1			ļ			<u> </u>		
42												
42				4 i	<u> </u>		 			<u> </u>		
j ,					1 1							
					1 1							
1					1 1					1		
44				1			<u> </u>					
1	21			1 1	1 1	Olive	GRAVEL with silt and fine-coarse sand		GM	Wet		
'	36	0.6'	NO SAMPLE		F 1	Gray				1		
	34	/ 2.0°	NO OF WILL									
46	44			▼			I.		>			
				EOB @								
				46' bgs	I I							
					<i>l</i> 1							
48					D I		L .					
										<u></u>		
TYPE OF I			CME - Truck mount	······				- Note:			Tetra Tech	NUS, Inc.
METHOD OF ADVANCING BORING: HSA – Landfill material/Drive and Wash – Natural mater							 Environmental and Geotech 	tical boring	.		_	
METHOD OF SOIL SAMPLING: 3" split spoon (Landfill) / 2" spoon (Natural) - 140 lb hyd				Ib hydraulic	nammer 30" dron	- 34' bgs - Change over to Dr				∟ Ì		
METHOD OF ROCK CORING: NA NA NA NA							TO MIN TEA	ا "	[# 7	احا		
GROUNDWATER LEVELS: Water table approximately 24' bgs										<u> </u>		
OTHER OF	IER OBSERVATIONS:						· · · · · · · · · · · · · · · · · · ·	BORING NO.: S	L-SB-304		PAGE: 3	OF 3

PROJECT LOGGED DRILLED	BY:	any/Driller): EVATION;	Raymark OU9 Rl/ N1369-0320 J. Danieli Dragin/B. Swiatek				TRANSCRIBED BY: RAC ELEVATION FROM:	BORING NO.: START DATE: COMPLETION MON. WELL N CHECKED BY:	0.:	SL-SB-305 1/28/04 1/28/04 N/A JL	
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'I CHG. WELL PROF	L DENSITY/ ./ CONSIS. or ROCK	CLR	MATERIAL CLASSIFICATION		USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock weathering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
				Landfi	II					would in the second	[1.05, (1.11/)]
2											
4						<u> </u>					
			<u> </u>			ļ					
6	6 13 15 14	0.2' 2.0'	NO SAMPLE		Frozen	Brown	SAND and GRAVEL, some silt, pieces of wood and	l glass	SW/ GW	Frozen	FID = 0 PID = 0
8											
10											
12	7 9 11	0.7'	NO SAMPLE		Loose	Brown	Fine-coarse SAND with some gravel, pieces of burn	nt wood and plastic	sw	Moist	FID = 0 PID = 0
12	13										
14									*		
		1,0'	NO CAMPLE		Loose	Brown	Fine-coarse SAND with some silt and gravel, piecest plastic, and metal	s of burnt wood,	SW/ SM	Moist	FID = 0 PID = 0
16	6 13	2.0'	NO SAMPLE	<u> </u>							
	DRILLING F		CME – Truck moun						<u></u>	Tetra Te	ch NUS, Inc.
		CING BORIN					aulic hammer 30" drop	- Note:			
	OF SOIL SA OF ROCK (NA	myrz sp	ii opoon (ivatulal)	- 140 ID HYON	zono naminei so diop	 Geotechnical borin 	g		∏-
	WATER LE		Water table approxi	mately 30'	bgs			-			
OTHER O	BSERVATIO	ONS:					BORING NO.: SL-SB-305 PA			PAGE:	1 OF 3

PROJECT	NO.:		N1369-0320	FS – Stratto	rd Landtill		BORING NO. START DATE	: :	SL-SB-305 1/28/04	
LOGGED			J. Danieli	(O. D			TRANSCRIBED BY: RAC COMPLETION		1/28/04	
	RFACE EL	any/Driller):	Dragin/B. Swiatek	/G. Donanue	е		MON. WELL ELEVATION FROM: CHECKED BY		N/A JL	
OND. 001	WACE EE						CHECKED B	I .	JL	
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL	SOIL DENSITY/ CONSIS. or ROCK	CLR	MATERIAL CLASSIFICATION	USCS or ROCK BRKN	REMARKS (moisture condition; odors; geological classification; rock	FIELD SCREENING DATA METHOD =
	12		E 1 FOR 15' – 17' DES	PROF'L CRIPTION	HARD.			<u></u>	weathering; etc.)	[FID, (PPM)]
	14			1	ΙΤ					
18				Landfill			,	•		
		: :								
20										:
	7	0.01]	Loose	Black	Silty SAND with plastic and wood chips, large piece of plastic in nose	SM	Moist	FID = 0
	19 21	0.2'	NO SAMPLE				1			PID = 0
22	16									
	<u> </u>									
ļ	_									
24										
	8									*FID
26	13 11	0.2'	NO SAMPLE							PID = 0
	11						₩			
28										
-								 		<u> </u>
- '										
30								,		
	100 for 6"	0.5'		Natural materials			Fine coarse SAND with gravel, possible trace silt. Natural materials	sw	Wet Sheen noted	* FID PID = 0.8
	<u> </u>	2.0'	NO SAMPLE	@ 30' bgs						1.5 0.0
32		·		Ĺ	▼	₩				
1	DRILLING F		CME – Truck moun		1342	America Col			Tetra Tech	NUS, Inc.
	OF ADVAN OF SOIL SA	CING BORIN					Note: aulic hammer 30" drop Geotechnical bot	ring		
1	OF SOIL SA		NA	mijiz spiits	poon (Natural) -	140 to Hydri	*= FID flame w			∎- I
Į.	WATER LE		Water table approxi	mately 30' bg	s			WENTE		
OTHER O	BSERVATI	ONS:					BORING NO.:	SL-SB-305	PAGE: 2	2 OF 3

BORING LO	OG FOR:		Raymark OU9 Ri	FS - Stratfo	rd Landfill			BORING NO .:		SL-SI	3-305	
	DJECT NO.: N1369-0320 GGED BY: J. Danieli							START DATE:		1/28/0)4	
LOGGED E	BY:		J. Danieli				TRANSCRIBED BY: RAC	COMPLETION:	DATE:	1/28/0)4	
DRILLED E	Y (Compa	any/Driller):	Dragin/B. Swiatek	/G. Donahue)			MON. WELL N	O.:	N/A		
GRD. SUR	FACE ELE	EVATION:					ELEVATION FROM:	CHECKED BY:		JL		
				Harmon						100		1
DEPTH (FEET)	BLOWS PER 6" N/A	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL	DENSITY/ CONSIS. or ROCK	CLR	MATERIAL CLASSIFICATION		USCS or ROCK BRKN	(mois odor class	ture condition; s; geological ification; rock	FIELD SCREENING DATA METHOD =
	19/7		(4)1400171100)	PROF'L	HARD.					wea	thering; etc.)	[FID, (PPM)]
34				Natural materials								
	66 49 51	1.0' 2.0'	NO SAMPLE	-	Dense	Dark Gray	Silty SAND with gravel, layers of brown fine medium s Natural Materials **	silty sand	SM	Wet		* FID PID = 0.3
36	42								_	-		
38												
40	36 29 32 41	1.0' 2.0'	NO SAMPLE			Gray	Fine coarse SAND with some silt and gravel, large pid	eces 1" in diameter	sw	Wet		* FID PID = 0
42				EOB @ 41' bgs								
											· · · · · · · · · · · · · · · · · · ·	
									\$			
TYPE OF S	DILLING 5	10.	CME Tender	tod				Notes	- 3	27		1
TYPE OF D		(IG: CING BORIN	GME – Truck moun IG: HSA – Landfill /Driv		- Natural meter	rial		Note:	_		Tetra Tecl	NUS, Inc.
METHOD C							aulic hammer 30" drop	Geotechnical borin * = FID flame ou				
METHOD			NA	may i z opiit o	Poor (recordin)	- , to to rijuit	ano actional do Mob	** = 34' bgs – beg		d wach in		8 −!
1				imately 30' bo	s			natural mater	ial	u maali iil		-
GROUNDWATER LEVELS: Water table approximately 30' bgs OTHER OBSERVATIONS:						BORING NO.: S	L-SB-305		PAGE:	3 OF 3		

SAMP LENG. GAMC STATUS) PROCT Landfill A LENG. GAMC STATUS PROCT LANDFILL A LANDFILL Dense Derk Brown SILT with samt, lorses of gray tine sand, some organics, roots plastic, day No SAMPLE Dense Derk Brown SILT with samt, lorses of gray tine sand, some organics, roots plastic, day No SAMPLE Dense Derk Brown SILT with samt, lorses of gray tine sand, some organics, roots plastic, day No SAMPLE Dense Derk Brown SILT with samt, some organics, roots, plastic, day No SAMPLE Dense Derk Brown SILT with samt, some organics, roots, plastic, day No SAMPLE Dense Derk Brown SILT with samt, some organics, roots, plastic, day No SAMPLE Dense Derk Brown SILT with samt, some organics, plastic, glass, wood chips, paper ML Moist PID = 0.2 FID = 0.2 FID = 0.3 Type of DRILLING RIC: METHOD OF ADVANCING BORING METHOD OF ADVANCING BORING METHOD OF ADVANCING BORING METHOD OF ADVANCING BORING METHOD OF ROOK CORNING. METHOD OF ROOK CORN	BORING I	LOG FOR:		Raymark OU9 RIA	FS – Strat	ford Landfill			BORING NO .:		SL-S	B-306	
LOGGED BY: J. Daniell C. Rousseau DRILLED BY (CompanyMortler): GRD. SURPACE ELEVATION: Reymax OUB RIPS - Stratford Landful Reymax OUB RIPS - Stratford Landful Reymax OUB RIPS - Stratford Landful Reymax OUB RIPS - Stratford Landful Reymax OUB RIPS - Stratford Landful Reymax OUB RIPS - Stratford Landful DESTIN BURNOW SAMP PER PR PER PR PR PR PR PR PR PR PR PR PR PR PR PR	PROJECT	NO.:							START DATE:		1/28/	04	
DENIALD BY (CompanyColling): DEATH PRECEDENTION: DETTIN PRECEDENTION: DESTINATION OF SAMP PRECEDENT ON SAMPLE SOURCE CONTROL CONSIST. SAMP PRECEDENTIAL CONSIST. SAMP	LOGGED	BY:		J. Danieli / C. Rot	ısseau			TRANSCRIBED BY: RAC	COMPLETION:	DATE:			
GRD. SUFFACE ELEVATION: GRAPHIC CONSTRUCTION DETRI FOR SEC. O NAMPLING O NO SAMPLING O NO SAMPLIN	DRILLED	BY (Compa	any/Driller):	Dragin/B. Swiatek	/G. Donah	ue			MON, WELL NO	D.:			
DEPTH PROFILE CAMP TAME AND TAME AND TAME (FEE) PROFILE SAMP NATI DESTRUCTION OF CONSIST OF TAME SAMP LENG. (CAYOC STATUS) PROFIL CASSIFICATION OF CONSIST OF TAME NATI DEPTH OF SAMP LENG. (CAYOC STATUS) PROFILE AND CONSIST OF TAME NATI DEPTH OF SAMP LENG. (CAYOC STATUS) PROFILE AND CONSIST OF TAME DEPTH OF SAMP LENGTH O				Raymark OU9 RIA	FS - Strat	ford Landfill		ELEVATION FROM:					
DEPTH PER REC. TME MATE M				T		7 10 E T	1						
Landill Lan	(FEET)	PER 6"	REC. / SAMP	TIME & SAMPLE NO.	MAT'L CHG./ WELL	DENSITY/ CONSIS. or ROCK	CLR			or ROCK	(mois	sture condition; rs; geological	SCREENING DATA METHOD =
2 Dense Dark Brown Sit T with sand, lenses of gray fine sand, some organics, roots ML Moist PID = 0 10 B Dense Dark Brown Sit T with sand, lenses of gray fine sand, some organics, roots ML Moist PID = 0 10 B Sit T with sand, some organics, roots, plastic, clay MI Moist PID = 0 11 Sit T with sand, some organics, roots, plastic, clay MI Moist PID = 0 12 13 Sit T with sand, some organics, plastic, clay MI Moist PID = 02 14 Brown Opportunity Sit Sit T with sand, some organics, plastic, clay MI Moist PID = 02 14 Sit Sit T with sand, some organics, plastic, glass, wood chips, paper ML Moist Sitght organic odor PID = 03 15 Sit T with sand, some organics, plastic, glass, wood chips, paper ML Moist Sitght organic odor PID = 03 16 9 0.8 2.0 NO SAMPLE TYPE OF DRILLING RIC; METHOD OF ADVANCHING BORING. METHOD OF ADVANCHING BORING. METHOD OF ADVANCHING BORING. METHOD OF ROOK SAMPLING. METHOD OF ROOK SAMPLING. METHOD OF ROOK SAMPLING. METHOD OF ROOK SAMPLING. Sit Landliff material State of the promised of th	"	N/A	LENG.	(WAVGC STATUS)		HARD.				DIXIN			[FID, (PPM)]
Dense Dark Brown Dense Dark B	1				Landfill								1
Dense Dark Brown Dense Dark Brown Dense Dark Brown SiLT with sand, lenses of gray fine sand, some organics, roots ML Moist PID = 0 PID = 0 Dense Dark Brown SiLT with sand, + 2 Inch rock fragment, organics, roots, plastic, clay NO SAMPLE Dense Dark Brown Dense Dark Brown SiLT with sand, + 2 Inch rock fragment, organics, roots, plastic, clay ML Moist PID = 0.2 PID = 0.2 PID = 0.3 FID = 0.3	<u> </u>				1 .								
Dense Dark Brown Dense Dark Brown Dense Dark Brown SiLT with sand, lenses of gray fine sand, some organics, roots ML Moist PID = 0 PID = 0 Dense Dark Brown SiLT with sand, + 2 Inch rock fragment, organics, roots, plastic, clay NO SAMPLE Dense Dark Brown Dense Dark Brown SiLT with sand, + 2 Inch rock fragment, organics, roots, plastic, clay ML Moist PID = 0.2 PID = 0.2 PID = 0.3 FID = 0.3													i
Dense Dark Brown Dense Dark Brown SiLT with sand, lenses of gray fine sand, some organics, roots ML Moist PID = 0 FI	2]								
Dense Dark Brown Dense Dark Brown SiLT with sand, lenses of gray fine sand, some organics, roots ML Moist PID = 0 FI]								· · · · · · · · · · · · · · · · · · ·
Dense Dark Brown Dense Dark Brown SiLT with sand, lenses of gray fine sand, some organics, roots ML Moist PID = 0 FI								 					
Dense Dark Brown Dense Dark Brown SiLT with sand, lenses of gray fine sand, some organics, roots ML Moist PID = 0 FI													
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Brown Brown Brown Brown Brown Brown Brown Brown Brown Brown Brown Brown Brown Brown Brown Brown Brown Brown Dense Dark Brown Dense Dense Dark Brown Dense Dark Brown Dense Dark Brown Dense Dark Brown Dense Dense					1								- -
Brown Brown Brown Brown Brown Brown Brown Brown Brown Brown Brown Brown Brown Brown Brown Brown Brown Brown Dense Dark Brown Dense Dense Dark Brown Dense Dark Brown Dense Dark Brown Dense Dark Brown Dense Dense													
Brown Brown Brown Brown Brown Brown Brown Brown Brown Brown Brown Brown Brown Brown Brown Brown Brown Brown Dense Dark Brown Dense Dense Dark Brown Dense Dark Brown Dense Dark Brown Dense Dark Brown Dense Dense		3			1	Dense	Dark	Sti T with sand lenses of gray fine sand some orga	nice roote	- MI	Maint		DID 0
A C C C C C C C C C	6		1.6'			20.100		Size was said, letises of gray line said, some organ	11103, 10013	IAIT	ivioist		
Dense Dark Brown Dense Dark Sit.T with sand, ±2 inch rock fragment, organics, rocts, plastic, clay ML Moist PID = 0.2 FiD = 2.2 11				NO SAMPLE									110-0
Dense Dark Brown Dense Dark B			7 2.0		1 1								1
Dense Dark Brown Dense Dark (pipe fragment, organics, roots, plastic, clay ML Moist PID = 0.2 FID = 2.2 11		0			-	-							
Dense Dark Brown Dense Dark (pipe fragment, organics, roots, plastic, clay ML Moist PID = 0.2 FID = 2.2 11	1.				1 1								1
Dense Dark Brown SILT with sand, ±2 inch rock fragment, organics, roots, plastic, clay (pipe fragment), shingle MIL Moist PID = 0.2 FID = 2.2 10	8				4						<u></u>		
Dense Dark Brown SILT with sand, ±2 inch rock fragment, organics, roots, plastic, clay (pipe fragment), shingle MIL Moist PID = 0.2 FID = 2.2 10	1				1 1	-							
Dense Dark Brown SILT with sand, ±2 inch rock fragment, organics, roots, plastic, clay (pipe fragment), shingle MIL Moist PID = 0.2 FID = 2.2 10	<u> </u>												
Dense Dark Brown SILT with sand, ±2 inch rock fragment, organics, roots, plastic, clay (pipe fragment), shingle MIL Moist PID = 0.2 FID = 2.2 10													
9 0.9' 2.0' NO SAMPLE Brown (pipe fragment), shingle RETHOD OF SOIL SAMPLING: METHOD OF SOIL SAMPLING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: GROUNDWATER LEVELS: METHOD OF ROCK CORING: GROUNDWATER LEVELS: METHOD OF ROCK CORING: GROUNDWATER LEVELS: METHOD OF ROCK CORING: GROUNDWATER LEVELS: METHOD OF ROCK CORING: GROUNDWATER LEVELS: METHOD OF ROCK CORING: GROUNDWATER LEVELS: METHOD OF ROCK CORING: MA Water table approximately 25' bgs	10]								
11 12 13 13 14 15 15 15 15 15 15 15		6	,		1	Dense			ots, plastic, clay	ML	Moist		PID = 0.2
11		9	0.9'	NO CAMPIE			Brown	(pipe fragment), shingle					FID = 2.2
14 Dense Dark Brown SILT with sand, some organics, plastic, glass, wood chips, paper ML Moist Slight organic odor FID = 0.3 TYPE OF DRILLING RIG: METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: METHOD		11	2.0'	NO SAMPLE									İ
Beside the property of the pro	12	13											
Dense Dark Brown SILT with sand, some organics, plastic, glass, wood chips, paper ML Moist Slight organic odor PID = 0.3 FID = 34.5				···							 		
Dense Dark Brown SILT with sand, some organics, plastic, glass, wood chips, paper ML Moist Slight organic odor PID = 0.3 FID = 34.5	,												
Beside the property of the pro					1						j		1
B 0.8' 2.0' NO SAMPLE Dense Dark Brown SILT with sand, some organics, plastic, glass, wood chips, paper ML Moist Slight organic odor FID = 0.3 FID = 34.5 TYPE OF DRILLING RIG: METHOD OF ADVANCING BORING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: MA Water table approximately 25' bgs Tetra Tech NUS, Inc. Tetra Tech NUS, Inc. Geotechnical boring Water table approximately 25' bgs	14									*	1		1
16 9 2.0' NO SAMPLE	—				1						 -		
16 9 2.0' NO SAMPLE													
16 9 2.0' NO SAMPLE			00'		1	Dence	Dork	CII T with cond come organics plantic class was	afaire a series				
TYPE OF DRILLING RIG: METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: GROUNDWATER LEVELS: Water table approximately 25' bgs CME – Truck mounted HSA – Landfill material/Drive and Wash – Natural material Note: Geotechnical boring Tetra Tech NUS, Inc. Geotechnical boring	16			NO SAMPLE	∤ ↓	Delise		SILT with sand, some organics, plastic, glass, wood	cnips, paper	ML.			
METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: METHOD OF ROCK CORING: GROUNDWATER LEVELS: Water table approximately 25' bgs HSA – Landfill material/Drive and Wash – Natural material Note: Geotechnical boring Water table approximately 25' bgs	10	9	/ 2.0		▼			<u> </u>		·	Sugni o	Tyanic odor	FID = 34.5
METHOD OF ADVANCING BORING: METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: METHOD OF ROCK	TYPE OF	DRILLING F	RIG:	CME - Truck moun	ted							Tetro Tech	All IS Inc
METHOD OF SOIL SAMPLING: METHOD OF ROCK CORING: GROUNDWATER LEVELS: Water table approximately 25' bgs 3" split spoon (Landfill) / 2" split spoon (Natural) - 140 lb hydraulic hammer 30" drop Note: Geotechnical boring Water table approximately 25' bgs	METHOD	OF ADVAN	CING BORIN	G: HSA - Landfill mate	rial/Drive a	nd Wash - Natur	al material		·			reua recn	NUS, IIIC.
METHOD OF ROCK CORING: GROUNDWATER LEVELS: Water table approximately 25' bgs Water table approximately 25' bgs	1							aulic hammer 30" drop				(-	•)
OTHER ODDERWATIONS	METHOD	OF ROCK O	CORING:	NA					- Geotechnical boring	9] [1	
OTHER OBSERVATIONS: BORING NO.: SL-SB-306 PAGE: 1 OF 3	GROUND	WATER LE	VELS:	Water table approxi	mately 25' i	ogs			•		:		
							BORING NO.: S	L-SB-306		PAGE: 1	OF 3		

BORING I	OG FOR:		Raymark OU9 RI	/FS - Stratfo	rd Landfill			BORING NO.:		_SL-Si	3-306	
PROJECT	NO.:		N1369-0320					START DATE:		1/28/0)4	
LOGGED	BY:		J. Danieli / C. Ro				TRANSCRIBED BY: RAC	COMPLETION	DATE:	1/29/0)4	_
DRILLED	BY (Compa	any/Driller):	Dragin/B. Swiate	k/G. Donahu	e			MON. WELL N	0.:	N/A		
GRD. SUF	RFACE ELI	EVATION:	Raymark OU9 RI	/FS - Stratfo	rd Landfill		ELEVATION FROM:	CHECKED BY:		JL		
	BLOWS	SAMP	SAMPLING	firm a new r	f	-	-				TERROR CONT.	i -
DEPTH	PER	REC.	TIME	DEPTH MAT'L	SOIL DENSITY/		MATERIAL		11000 ***		EMARKS	FIELD
(FEET)	6"	1	&	CHG./	CONSIS.		CLASSIFICATION		USCS or ROCK	(mois	ture con ition; rs; geological	SCREENING DATA
		SAMP	SAMPLE NO.	WELL	or ROCK	CLR	SE IOSII IOTITION		BRKN		ification; rock	METHOD =
16	N/A	LENG.	(QA/QC STATUS)	PROF'L	HARD.		L .			wea	thering; etc.)	[FID, (PPM)]
	9	SEE DAG	E 1 FOR 15' - 17' DE	SCRIPTION	1		· · · · · ·					
	16	SEE PAG	E I FOR 18 - 17 DE	SCRIP HON								
				Landfill					-			
18												
				7 1	•							
20]				İ			
	8			1	Dense	Dark	SILT with sand, some organics, plastic, glass, wood o	hins naner	ML			PID = 0
1	8	1.0'			201100	Brown	ole i mai baria, como organico, piacao, giaco, moca e	inpo, paper	"""			FID = 0
		2.0	NO SAMPLE		1							
22	10	/ 2.0										
22	13			4						<u> </u>		
]							
<u> </u>							Note: Auger through green material – soils bright gr					
1							and FID = 2680 ppm. No reading on Multi Ga	is Meter.				
24					<u> </u>							
					1							
					1		<u> </u>					
	7				Loose	Black	SILT with gravel, trace sand, plastic, wood, possible of	ardboard	ML	Wet		PID = 0.2
26	6	0.4'	NO SAMPLE									FID = 0
	8	2.0'	NO SAMPLE									
	8										4	
				7						 		· · · · ·
28												
				1				· · · · · · · · · · · · · · · · · · ·	 	<u> </u>	· · · · · · · · · · · · · · · · · · ·	
			1		[.							
<u> </u>												
30					1				,			
30			· ····	-	Company		I may of possible paper slath as leather should of all		=-0			
	9	4 = 1	ł		Compact		Layer of possible paper, cloth, or leather; chunk of pla	ISUC	Fill	Wet		PID = 0 FID = 5.1
	18	1.5'	NO SAMPLE	1								FID = 5.1
	27	2.0'		1 1								
32	28				<u> </u>							
TYPE OF	DRILLING F	NG:	CME - Truck mou	nted							Tetra Tech	All IC Inc
METHOD OF ADVANCING BORING: HSA - Landfill material/Drive and Wash - Natural material							•			rena rech	i NUS, INC.	
METHOD OF SOIL SAMPLING: 3" split spoon (Landfill) / 2" split spoon (Natural) - 140 lb hydr					aulic hammer 30" drop				(-) │		
1	ETHOD OF ROCK CORING: NA							•		ļ	, I E ?	
1	WATER LE			A /ater table approximately 25' bgs				•				コー
1 '	BSERVATION							BORING NO. 5	SL-SB-306		PAGE: 2	2 OF 3

BORING I	LOG FOR:		Raymark OU9 RI/	FS - Stratfo	rd Landfill			BORING NO.:	SL-SB	-306	
PROJECT	NO.:		N1369-0320					START DATE:	1/28/0		
LOGGED			J. Danieli / C. Rou				TRANSCRIBED BY: RAC	COMPLETION: DATE	1/29/0	4	
DRILLED	BY (Compa	any/Driller):	Dragin/B. Swiatek					MON. WELL NO.:	N/A		
GRD. SUF	RFACE ELI	EVATION:	Raymark OU9 RI/	FS - Stratfo	rd Landfill		ELEVATION FROM:	CHECKED BY:	JL		
	24 21442	04440	0441011110	-		1					
DEPTH	BLOWS PER	SAMP REC.	SAMPLING TIME	DEPTH	SOIL					MARKS	FIELD
(FEET)	6"	1	&	MAT'L CHG./	DENSITY/ CONSIS.		MATERIAL CLASSIFICATION	USC		ure condition;	SCREENING
` ′		SAMP	SAMPLE NO.	WELL	or ROCK	CLR	CLASSITICATION	BRK	N classic	; geological ication; rock	DATA METHQD =
32	N/A	LENG.	(QA/QC STATUS)	PROF'L	HARD.					nering; etc.)	[FID, (PPM)]
				Landfill						<u> </u>	77
									ŀ		
34				1							
				1 1							
	,			1 '							1
	4					Black	SILT with sand, plastic, glass		Wet		PID = 1.0
36	7	0.9'		₩					1 ****		FID = 21.0
	7	2.0	NO SAMPLE	Possible		Dark	Organic SILT with roots, possible peat	PI			
	8	_,-		Natural	1	Brown		' '			
				Material							
38				@ 36' bgs							
				-		_		<u> </u>			
İ									1		İ
					1						
40					1						
40						D. J. O.					
	8					Dark Gray	Fine-coarse SAND, trace silt	SF	Wet		PID = 0.3
	11	1.5'	NO SAMPLE						Begin Driv	e and Wash @	FID = 1.9
	14	2.0'					GRAVEL with silt, trace sand, possible till	SM	40' bgs		
42	12										
									Ì		
44											
	20	,				Gray	Fine-coarse SAND and GRAVEL, trace silt, possible t	ill SW/	GW Wet		PID = 0
	25	1.3'	NO SAMPLE		ŀ						FID = 0
	28	2.0'	NO OAMI EE	1							
46	36	Í		▼				'	·]
				EOB @						·	
				46' bgs							
	DD# 1 1112 -		OME Total	4-4			1			<u> </u>	<u> </u>
	DRILLING F		CME - Truck moun		i Wash Net	uni manda dal				Tetra Tech	NUS, Inc.
		CING BORIN					aulic hammer 30" drop	Note:			
	OF SOIL SA		NA	ninji∡ splits	poon (Natural)	- 140 ID NYON	жине папинет эт чтор	Geotechical boring		1 7	-
	WATER LE		Water table approx	imately 25' ha	s						
LOUGOIAD	- 41 X I Pro X Pro 4	*	erece table abbiev								

OTHER OBSERVATIONS:

PAGE: 3 OF

BORING L PROJECT LOGGED DRILLED I GRD. SUF	NO.: BY: BY (Compa	any/Driller): EVATION:	Raymark OU9 RI/ N1369-0320 J. Danieli / C. Rou Dragin/B. Swiatek	ısseau			TRANSCRIBED BY: RAC	BORING NO.: START DATE: COMPLETION: MON. WELL NO CHECKED BY:		SL-SB- 1/29/04 1/29/04 N/A JL		
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'I	DENSITY/ CONSIS. or ROCK . HARD.	CLR	MATERIAL CLASSIFICATION		USCS or ROCK BRKN	(moistu odors; classifi	re condition; geological cation; rock ering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
2	<u>.</u>			Landfill								
4												
6	9	1.0'	NO SAMPLE		Dense	Dark Brown	Silty SAND with gravel, pieces of wood and leat	her, some roots	SM	Moist		FID = 0 PID = 0
8	13 12	/ 2.0										
10	4				Dense	Dark/ Light	Sandy SILT with gravels, some roots, large piec	a afward 1 piece	ML	Moist		EID - 0
12	6 9	1.2'	NO SAMPLE		Delise	Brown	of boulder (2" long – Gray)	e of wood, i piece	ML	MOIST		FID = 0 PID = 0
14									,			
16	11 16	1.2'	NO SAMPLE		Dense	Dark Brown Dark Gray	Same as above with pieces of asphalt Same as above, 1 large boulder fragment (4" los	ng-Gray)	ML	Moist		FID = 0 PID = 0
METHOD (OF SOIL SA OF ROCK (WATER LEV	CING BORIN MPLING: ORING: /ELS:	G: CME – Truck moun HSA – Landfill mate 3" split spoon (Land NA Water table approxi	rial/Drive a fill) / 2" spli	t spoon (Natural)		c hammer 30° drop	Note: Geotechnical boring BORING NO.: S	} L-SB-308		Tetra Tech	E

PAGE: 1 OF

BORING I	LOG FOR:		Raymark OU9 RIA	/FS – Stratfo	rd Landfill			BORING NO.:		SL-SB-308	
PROJECT	Γ NO.:		N1369-0320					START DATE:		1/29/04	
LOGGED	BY:		J. Danieli / C. Rou	ısseau			TRANSCRIBED BY: RAC	COMPLETION	DATE:	1/29/04	
DRILLED	BY (Comp	any/Driller):	Dragin/B. Swiatek	/G. Donahu	e			MON. WELL N	O.:	N/A	
GRD. SUF	RFACE EL	EVATION:					ELEVATION FROM:	CHECKED BY:		JL	
	· · ·	·			J.C		The second secon	1947 / 1941 - 111 - 2,511 - 114 - 11	it		
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	DEPTH MAT'L CHG./ WELL PROF'L	SOIL DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION		USCS or ROCK BRKN	REMARKS (moisture condition odors; geological classification; rock weathering; etc.)	DATA
	21	SEE PAG	E 1 FOR 15' 17' DE	SCRIPTION	 	· · · · · · · · · · · · · · · · · · ·			·	,,	1 1 1-1 (1 1-1)
-	19		<u> </u>	Landfill	1					Г	
18				Landilli							
20	<u> </u>										
	7 8	0.7'	NO SAMPLE		Loose	Black	Pieces of plastic, glass, wood chips, styrofoam, cardt sand and trace gravel (piece of brown elastic/sponge		Fill	Wet	PID = 0 FID = 0
22	11 16	2,0'									
24											
-	5					Black	Sandy SiLT with wood chips		ML		PID = 0
26	6	2.0'	NO SAMPLE			Dark	Silty SAND and GRAVEL, rounded		SW/ GW	-	FID = 12.2
	9	/ 2.0		4		Brown	Sity SAND and GIVAVEE, Idulated		300/ G00	Wet	
28											
,											
30									\$		
	8 12 9	0.5'	NO SAMPLE			Black	Sandy SILT with wood chips, cardboard, trace gravel (possible vinyl or leather material)	(0.4*), fabric	ML	Wet	PID = 0 FID = 37
32	15			♦		<u></u>			<u> </u>		
	DRILLING I		CME - Truck mour						<u> </u>	Tetra 7	ech NUS, Inc.
1		CING BORIN						Note:			
	OF SOIL S			ifill) / 2" split s	spoon (Natural)	- 140 lb hydr	aulic hammer 30" drop	- Geotechnical borit	ng		T
1	OF ROCK		NA					•	-		-6
	WATER LE		Water table approx	imately 20' bg	js <u> </u>			DODING :::			
OTHER O	BSERVATI	ONS:						BORING NO.:	SL-SB-308	PAGE:	2 OF 4

PROJECT LOGGED DRILLED	BY:	any/Driller):	Raymark OU9 RI/ N1369-0320 J. Danieli / C. Rou Dragin/B. Swiatek	ısseau			TRANSCRIBED BY: RAC ELEVATION FROM:	BORING NO.: START DATE: COMPLETION: MON. WELL N CHECKED BY:	O.:	SL-SB 1/29/0 1/29/0 N/A JL	4	
DEPTH (FEET) 32	BLOWS PER 6"	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L Landfill	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION		USCS or ROCK BRKN	(moisti odors classii	MARKS are condition; geological fication; rock nering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
34												
36	4 4 5 7	0.7' 2.0'	NO SAMPLE			Black/ Brown	Silty SAND with plastic, leather, vinyl, wood chips, la in nose	rge piece of wood	SM	Wet		PID = 0 FID = 2.2
38												
40												
42	5 6 5	2.0'	NO SAMPLE	Natural material a 40' bgs	Dense t	Dark Brown	SILT with some organics Peat, SILT with abundant organics (roots, twigs, piece	es of natural wood)	OL PT	Wet Natural m Sulfur odd		FID = 101.3 PID = 0
	5						Change over to Drive and Wash, last auger at 40' bg	s				
44												
46	7 9 11 13	1.2' 2.0'	NO SAMPLE	·	Dense	Gray	Fine-medium SAND, some silt		SP			FID = 78 PID = 0
48				<u> </u>								
METHOD (OF ADVANO OF SOIL SA OF ROCK O WATER LEV	CING BORIN MPLING: ORING: /ELS:		rial/Drive a ill) / 2" split	spoon (Natural) -		ulic hammer 30" drop	Note: Geotechnical boring BORING NO.: SI	L-SB-308			h NUS, Inc.

BORING L			Raymark OU9 RI/ N1369-0320	FS – Stratfor	rd Landfill			BORING NO.: START DATE:		SL-SB-3 1/29/04	808	
LOGGED			J. Danieli / C. Rou	ısseau			TRANSCRIBED BY: RAC	COMPLETION: DA	ATE:	1/29/04		
DRILLED	BY (Compa	any/Driller):	Dragin/B. Swiatek	/G. Donahue)			MON, WELL NO.:		N/A		
GRD. SUF	RFACE ELE	EVATION:					ELEVATION FROM:	CHECKED BY:		JL		
			*********	-							1000	1
DEPTH (FEET)	BLOWS PER 6"	SAMP REC. / SAMP LENG.	SAMPLING TIME & SAMPLE NO. (QA/QC STATUS)	MAT'L CHG./ WELL PROF'L	DENSITY/ CONSIS. or ROCK HARD.	CLR	MATERIAL CLASSIFICATION	R	SCS or ROCK BRKN	(moistur odors; classific	MARKS e condition; geological ation; rock ering; etc.)	FIELD SCREENING DATA METHOD = [FID, (PPM)]
				Natural	TIPAND.	_				weathe	ing, etc.)	[FID, (FFWI)]
				materials								
50	6				-	Dark Gray	SILT, trace organics		ML	Wet		PID = 0
	5 4	2.0'	NO SAMPLE				SILT with sand			Sulfur odor		FID = 0.8
52	7			-	ļ 	-						
54												
56	21 28 18	2.0'	NO SAMPLE			Gray	Silty fine-coarse SAND with gravel, layer of brown fine	e-medium sand	SM	Wet		FID = 0 PID = 0
	24											
58				EOB @ 57' bgs						-		
				-								-
,									,			
				1					_			
TYPE OF	DRILLING I	PIG:	CME – Truck moun	ated.	G						Tetra Tech	NUIC I
		KIG: CING BORIN			i Wash - Natu	ral material					ieura iech	INUS, INC.
	OF SOIL S						aulic hammer 30" drop	Note:			(∟ ì
	OF ROCK		NA				· · · · · · · · · · · · · · · · · · ·	Geotechnical boring				C)
	WATER LE		Water table approx	imately 20' bg	ıs							
	BSERVATI							BORING NO.: SL-S	SB-308		PAGE: 4	OF 4

DRAGIN DRILLING BORING/WELL LOG

BORING/WELL NO. TP-1

PROJECT:Stratford Landfill.	LOCATION Stratford, CT	PAGE 1 of 1
30B NO.: 4cteto2	CLIENT: Teira Tech	CONTRACTOR: DRAGIN Drilling, Inc.
DIG SAFE NO.:	· .	Driller/Helpers:Steve Sanford
Drilling Method: Test Pit	Drilling Equipment: Backhoe	Borehole Dia. (in.):
Installed By:	Start Date: 1_12_04	Total Depth (ft bgs):
Logged By: Brett: Swiatek	Completion Date: 1-12-04	Water Level (ft bgs):

DEPTH (ft)	SAMPLE TYPE/ INTERVAL	BLOW COUNTS	LITHOLOGIC DESCRIPTION	RECOVERY (%)	GRAPH OF WELL	DRILLING NOTES/ WATER LEVEL
0-18"			18" Light brown sand and fine to coarse gravel with little silt		flush-mount	
8–24 ⁱⁱ	·		(Fill) Dark Brown örganics 🔿 🗟		or stick-up	
_ 4_30"		·	Light brown fine to medium sand and fine to coarse gravel with little silt & W			
_ 0_48"			Black silty sand with plastic and wood little gravel and cobbles			
<u></u> -			Sm (Fill)			
_						. •
-						
	*	· · · · · · · · · · · · · · · · · · ·				
				12	in, dia.	

C = Cuttings	SS = Split Spoon	SA = Screened Auger	SAMPLE TYPE R = Rock Core	U = Undisturbed O = Other:	
Trace =	0 - 10 %	Little = 10 - 20 %	THOLOGY DESCRIPT Some = 20 - 35 %		

DRAGIN DRILLING BORING/WELL LOG

BORING/WELL NO. TP-2

Lagged By: Talent Swiatek	Completion Date: 13-04 Water Level (ft bgs):					
Installed By:	Start Date: 1-13-04	Total Depth (ft bgs):				
Drilling Method: Test Pit	Drilling Equipment: Backhoe	Borehole Dia. (in.):				
DIG SAFE NO.:		Driller/Helpers:Steve Sanford				
	CLIENT: Tetra Tech	CONTRACTOR: DRAGIN Drilling, Inc.				
JOB NO.: 4 cteto 2		PAGE 1 of 1				
PROJECT: Stratford Landfill	LOCATION Stratiford, CT	1 - 1				

4	DEPTH (ft)	SAMPLE TYPE/ INTERVAL	BLOW	LITHOLOGIC DESCRIPTION			
4	4"				RECOVERY (%)	GRAPH OF WELL	DRILLING NOTES/ WATER LEVEL
L	*			Dark brown fine sand with some			JUNIOR ELYCL
L	<u> </u>			cryanic and little silt SP		flush-mount or stick-up	
	-21' ^{#3} '			Dark brown silt and organics with trace fine sands MAL			
2	1-28"		·.	Redish Brown silt and organics with trace fine sands MyL			
	-						
22	3-32"			Black organics, with trash, wood glass, brick, rebar, plastic			
	_			F(II			
	_						
-	-		•				
L			• • • • • •				
一	•						
L							
						in. dia.	

C = Cuttings	SS = Split Spoon	SA = Screened Auger	SAMPLE TYPE R == Rock Core	U = Undisturbed O = Other:	
Trace =	0 - 10 %	Little = 10 - 20 %	HOLOGY DESCRIPT Some = 20 - 35 %	ION	

DRAGIN DRILLING BORING/WELL LOG

BORING/WELL NO. TP-3

PROJECT		· Leitelle	LUCATIONS LIALLOED, CI		PAGE	<u>1</u> of 1		
	4cteto2		CLIENT: Teira Tech	CONTRACTO	DR: DRAGIN D	rilling, Inc.		
DIG SAFE				Driller/Help	ers:Steve Sanfo			
Drilling M	lethod: Dest P	it	Drilling Equipment: Packhoe	Borehole Di		,		
Installed	By:		Start Date: 1-13-04	Total Depth		· · · · · ·		
Logged B	y: Breit Sviat	Dek.	Completion Date: 1 13_04	Water Leve				
N-OAR LITE			, j=15=0a	Interest Total (It Das);				
DEPTH (ft)	SAMPLE TYPE/ INTERVAL	BLOW	LITHOLOGIC DESCRIPTION	RECOVERY (%)	GRAPH OF WELL	DRILLING NOTES/ WATER LEVEL		
0-22"			Light Brown orange fine sand		• .	WAILK LEVEL		
			with little silt and gravel					
			trace cobbles SP		flush-mount			
22-28 ¹¹	,				or stick-up			
<i>22</i> –28		·	Orange black silt, and fine sand					
			silt with some organics ml			N 3		
28-65"	,		Light Brown fine sand with sea		-			
		* ,	shells SQ					
]			•					
	·							
·						· .		
			Brake pad found in hole					
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				Total Control				
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C = Cuttings SS = Split Spoon	SA = Screened Auger	SAMPLE TYPE R = Rock Core	U = Undisturbed O = Other:	
Trace = 0 - 10 %	Little = 10 - 20 %	HOLOGY DESCRIPT Some = 20 - 35 %		

Sch.

BORING/WELL NO. TP-4

PROJECT	:Stratiford La	ndfill	LOCATIONS Lationa, CI		PAGE	of 1
JOB NO.: 4cteto2			CLIENT: Tetra Tech	CONTRACT		
DIG SAFE	E NO.:				pers:Steve Sanfo	
Drilling M	iethod: Jest P.	it	Drilling Equipments Backhoe	Borehole D	Via (In)	
Installed	By:		Start Date: 1-13-04		h (ft bgs): 36"	
	y: Sviet	rek	Completion Date: 1_13_04			
			Jeembreson pages ~1 < -1 Kt	Water Leve	H (IT DGS):	
				1		
DEPTH (ft)	SAMPLE TYPE/ INTERVAL	BLOW	LITHOLOGIC DESCRIPTION	RECOVERY	GRAPH	DRILLING NOTES/
	THIERANT	COURTS		(%)	OF WELL	WATER LEVEL
0-24"	<u>.</u> -		Dark brown fine sands, and occurre		· .	
			carganics with cobbles, little	 	flush-mount	
			silt SP	1 1	or stick-up	
24-36 ¹⁷	1		Black silt and fine sand, Brick			
			brake pads, metal debris,			
	1] -	asbestos thru out mL/SP			
			Fill			ŀ
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C = Cuttings	SS = Split Spoon	SA = Screened Auger	SAMPLE TYPE R = Rock Core	U = Undisturbed O = Other:	
Trace :	= 0 - 10 %	LIT Little = 10 - 20 %	HOLOGY DESCRIPT Some = 20 - 35 %		

DRAGIN DRILLING BORING/WELL LOG BORING/WELL NO. 1P-5 PROJECT: Stratford Landfill LOCATIONS Tratford, CI JOB NO.: 4cteto2 PAGE of 1 CLIENT: Teltra Tech CONTRACTOR: DRAGIN Drilling, Inc. DIG SAFE NO.: Driller/Heipers:Stave Sanford Drilling Method: Test Pit Drilling Equipment: Backhoe Borehole Dia. (in.): Installed By: Start Date: 1_13_04 Total Depth (ft bgs): 39" Lagged By: Parist Syllates Completion Date: 1-13-04 Water Level (ft ags): DEPTH SAMPLE TYPE/ **BLOW** LITHOLOGIC DESCRIPTION RECOVERY (ft) INTERVAL GRAPH DRILLING NOTES/ COUNTS (%) OF WELL WATER LEVEL 0-32!1 Light brown fine sand and gravel trace silt, Fill SP flush-mount 32-39⁷⁷ or stick-up Black fine sand and gravelous and oodbles, brick, metal, plastic, glass FIN No asbestos fiber found

C = Cuttings SS = Split Spoon	SA = Screened Auger	SAMPLE TYPE R = Rock Core	
Trace = 0 - 10 %	Little = 10 - 20 %	THOLOGY DESCRIPTION Some = 20 - 35 % And = 35 - 50 %	

in. dia.

Sch.

DIG SAFE NO.: Drilling Method: Thest Pit Drilling Equipment: Backing Borehole Dia. (in.): Installed By: Logged By: CONTRACTOR: DRAGIN Drilling, Inc. Drilling Method: Thest Pit Drilling Equipment: Backing Borehole Dia. (in.): Total Depth (ft bgs): 72" Completion Date: 1_13_04 Water Level (ft bgs):		Stratiford La	ndfill .	LOCATION Stratford, CT		PAGE 1	of 1
Defilier Method: Their Pit Drilling Equipment: Eachine Sovehole Dia; (iii.) Installed By: Start Date: 1-13-04 Total Depth (ft bgs): 72" Logged By: Completion Date: 1-13-04 Weter Level (ft bgs): 72" DEFTH SAMPLE TYPE! BLOW LITHOLOGIC DESCRIPTION RECOVERY (ft bgs): 72" DEFTH SAMPLE TYPE! BLOW LITHOLOGIC DESCRIPTION RECOVERY (ft bgs): 72" DEFTH SAMPLE TYPE! BLOW LITHOLOGIC DESCRIPTION RECOVERY (ft bgs): 72" DEFTH SAMPLE TYPE! BLOW LITHOLOGIC DESCRIPTION RECOVERY (ft bgs): 72" DEFTH SAMPLE TYPE! BLOW LITHOLOGIC DESCRIPTION RECOVERY (ft bgs): 72" DEFTH SAMPLE TYPE! BLOW LITHOLOGIC DESCRIPTION RECOVERY (ft bgs): 72" DEFTH SAMPLE TYPE! BLOW LITHOLOGIC DESCRIPTION RECOVERY (ft bgs): 72" DEFTH SAMPLE TYPE! BLOW LITHOLOGIC DESCRIPTION RECOVERY (ft bgs): 72" DEFTH SAMPLE TYPE! BLOW LITHOLOGIC DESCRIPTION RECOVERY (ft bgs): 72" DEFTH SAMPLE TYPE! BLOW LITHOLOGIC DESCRIPTION RECOVERY (ft bgs): 72" DEFTH SAMPLE TYPE! BLOW LITHOLOGIC DESCRIPTION RECOVERY (ft bgs): 72" DEFTH SAMPLE TYPE! BLOW LITHOLOGIC DESCRIPTION RECOVERY (ft bgs): 72" DEFTH SAMPLE TYPE! BLOW LITHOLOGIC DESCRIPTION RECOVERY (ft bgs): 72" DEFTH SAMPLE TYPE! BLOW LITHOLOGIC DESCRIPTION RECOVERY (ft bgs): 72" DEFTH SAMPLE TYPE! BLOW LITHOLOGIC DESCRIPTION RECOVERY (ft bgs): 72" DEFTH SAMPLE TYPE! BLOW LITHOLOGIC DESCRIPTION RECOVERY (ft bgs): 72" DEFTH SAMPLE TYPE! BLOW LITHOLOGIC DESCRIPTION RECOVERY (ft bgs): 72" DEFTH SAMPLE TYPE! BLOW LITHOLOGIC DESCRIPTION RECOVERY (ft bgs): 72" DEFTH SAMPLE TYPE! BLOW LITHOLOGIC DESCRIPTION RECOVERY (ft bgs): 72" DEFTH SAMPLE TYPE! BLOW LITHOLOGIC DESCRIPTION RECOVERY (ft bgs): 72" DEFTH SAMPLE TYPE! BLOW LITHOLOGIC DESCRIPTION RECOVERY (ft bgs): 72" DEFTH SAMPLE TYPE! BLOW LITHOLOGIC DESCRIPTION RECOVERY (ft bgs): 72" DEFTH SAMPLE TYPE! BLOW LITHOLOGIC DESCRIPTION RECOVERY (ft bgs): 72" DEFTH SAMPLE TYPE! BLOW LITHOLOGIC DESCRIPTION RECOVERY (ft bgs): 72" DEFTH SAMPLE TYPE! BLOW LITHOLOGIC DESCRIPTION RECOVERY (ft bgs): 72" DEFTH SAMPLE TYP				CLIENT: Taira Tain	CONTRACT		
Installed By: Logad By: DEPTH SAMPLE TYPE/ (R) LITHOLOGIC DESCRIPTION DEPTH SAMPLE TYPE/ COUNTS Light Brown fine sand with Ittliestit and gravel S P Crange brown silt with fine sand gravel, word, plastic, metal FINA No apparent asbestos Protect Depth (R) bps): 72" Wester Level (R) bps): DEPTH SAMPLE TYPE/ BLOW LITHOLOGIC DESCRIPTION RECOVERY GRAPH OF WELL Water Level RECOVERY GRAPH OF WELL OF WELL READ-Mount of the sand with Ittliestit and gravel S P Orange brown silt with fine sand gravel, word, cibitries STM CMM Derk brown fine sand and gravel, word, plastic, metal FINA No apparent asbestos			· · · · · · · · · · · · · · · · · · ·				**************************************
Installed By: Logged By: Completion Date: 1.13-04 Total Depth (ft bgs): 72"	Drilling M	ethod: Pest P	it	Drilling Equipment: Backhoe			<u>eu</u>
DEPTH SAMPLE TYPE/ (ff) INTERVAL COUNTS LIGHT Brown fine sand with Light Brown fine sand with Light hown fine sand gravel S P Orange brown silt with fine sand gravel, wood, plastic, metal. Dark brown fine sand gravel, wood, plastic, metal. No against asbestos	Installed	By:	300				
DEPTH SAMPLE TYPE (PG) INTERVAL COUNTS Light Brown fine sand with littlestilt and gravel S P Orange brown silt with fine sand gravel or stokep GRAPH OF WELL Authority or stokep Orange brown silt, little silt, little silt and gravel, trace wood, diethris S YM C/M Dark brown fine sand and gravel, wood, plastic, metal. F/M No apprent asbestos	Logged B	yr Edward Swiat	œk				
Outs Count				1.7-04	I ALADON DOVE	a (It Dys):	
Light Brown fine sand with littlestit and gravel SP Orange brown silt with fine sand gravel SM Tight Brown fine sand gravel, little silt and gravel, trace wood, obtains SM PM Dark brown fine sand and gravel, wood, plastic, metal FMM No aparent asbestos	(ft)			LITHOLOGIC DESCRIPTION			DRILLING NOTES/ WATER LEVEL
Orange brown silt with fine sand gravel. \$\forall M\$ Light brown fine silt, little silt and gravel, trace word, lightins \$\forall M\$ Dark brown fine sand and gravel, word, plastic, metal. No aparent asbestos	0-15"						
Orange brown silt with fine sand gravel S M Light brown fine silt, little silt and gravel, trace wood, (ichnis S M E/M) Dark brown fine sand and gravel, wood, plastic, metal No aparent asbestos				littlesilt and gravel SP			
Ident brown fine silt, little silt and gravel, trace wood, debris S M C/// Dark brown fine sand and gravel, wood, plastic, metal No aparent asbestos	5-27 ^{77°}			Orange brown silt with fine sand gravel 500			
silt and gravel, trace word, debris & M C/// Dark brown fine sand and gravel, word, plastic, metal F/// No apparent asbestos	 7-42"					and a region	
Dark brown-fine sand and gravel, wood, plastic, metal No aparent asbestos				silt and gravel, trace wood,			
No aparent asbestos	2-72"			Dark brown fine sand and gravel,			
	-			1			
			-	No aparent ascestos			
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	14, 154	,					
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					1		
					100		

C = Cuttings	SS = Split Spoon	SA = Screened Auger	SAMPLE TYPE R = Rock Core	U = Undisturbed 0 = Other:	
Trace :	= 0 - 10 %	LT7 Little = 10 - 20 %	HOLOGY DESCRIPT Some = 20 - 35 %	TON	

DRAGIN DRILLING BORING/WELL LOG BORING/WELL NO. 119-7 PROJECT:Stratiford Landfill LOCATION Stratford, CT PAGE JOB NO.: 4cheto2 CLIENT: Teira Teri of 1 CONTRACTOR: DRAGIN Drilling, Inc. DIG SAFE NO.: Driller/Helpers:Steve Sanford Drilling Method: Test Pit Drilling Equipment: Backhoe Borehole Dia. (in.): Installed By: Start Date: 1_13_04 Total Depth (it bgs): 65" Lamped By: Aller Syletch Completion Date: 1-13-04 Water Level (ft bgs): DEPTH SAMPLE TYPE BLOW LITHOLOGIC DESCRIPTION RECOVERY INTERVAL COUNTS GRAPH DRILLING NOTES/ (%) 0-13!! Dark Brown fine sand, some silt OF WELL WATER LEVEL arganics & M flush-mount 13-19^m Light brown fine to medium sand or stick-up amágravel SP 19-30" Dank brown fine sand with fine fine gravel and plastic, glass SP FILL 30-65" Dark brown fine sand, little side silt, tire, glass, wood, wire paper, gravel SP

C = Cuttings SS = Split Spoon	SA = Screened Auger	SAMPLE TYPE		
	JA - Screened Auger	R = Rock Core	U = Undisturbed O = Other:	
Trace = 0 - 10 %		LITHOLOGY DESCRIPT	TON .	
11ace = 0 - 10 %	Little = 10 - 20 %	Some = 20 - 35 %	· •	
			And ≈ 35 - 50 %	

in. dla.

BORING/WELL NO. SLB 300

DD O THOU		BOKTHG/WELL NO. SEE 300
PROJECT: Stratford Landfill	LOCATION: Stratford CT	
JOB NO.: 4ctef02	CLIENT: Tetra Tech	PAGE 1 of 2
DIG SAFE NO.:		CONTRACTOR: DRAGIN Drilling, Inc.
Drilling Method: HSA 4.25	Drilling Squipment: CME 850	Driller/Helpers: Swiatek/Donahue
Installed By:Sviatek	Short Page 2 5 04	Borehole Dia. (in.): 9" (D 4,25 ID
Logged By: Swiatek	Start Date: 1-5-04	Total Depth (ft bgs): 38'
The state of the s	Completion Date: 1-22-04	Water Level (ft bgs): 6'
		<u>'</u>

5		T			Water Level (ft bgs): 6'			
DEPTH (ft)	SAMPLE TYPE/ INTERVAL	BLOW COUNTS	LITHOLOGIC DESCRIPTION	RECOVERY		DRILLING NOTES		
12.7	3" SS			(%)	OF WELL	WATER LEVEL		
_ 0 2	Share Strong Strong	11–19–21 23	Light brown fine sand with black ash, some crushed stone, trace	18"	flush-mount or stick-up			
		11-9-9-10	fire gravel, pieces of plastic Brown fine to medium sand, trace fine to medium gravel	3"	a Maraga.			
4		5-5-3-4	Olive gray, silty fine sand Bottom 6" leaves plastic large orbble	12"				
_ 6		2-2-2	No Recovery	0				
_ 8	1	0-10-10-	Dark brown wood, trace silt	18"				
]	8.4 Dark brown silt and fine sand trace fine crare!	10				
_10	6	-26-40-25 i	9.0-wood, organics, plastics gravel Dank brown silt and fine sand	14"				
12	8	1,	wood, plastics, glass Rook in nose of cone					
				0				
14	13 45	3-32-41 N	cod, trace fine sand	811	- Materials			
16	·				AT 0445401			
8						-		
0								
					in di-			
			i .	=	in. dla.	ŀ		

C = Cuttings SS = Split Spoon	SAMPLE TYPE
35 Spiit Spacif	SA = Screened Auger R = Rock Core U = Undisturbed O = Other:
Trace = 0 - 10 %	LITHOLOGY DESCRIPTION
1 20 //	ittle = 10 - 20 % Some = 20 - 35 % And = 35 - 50 %
•	20-00 %

DRAGIN DRILLING BORING/WELL LOG BORING/WELL NO. SIB 300 PROJECT: Stratford Tandfill LOCATION: Stratiford CT PAGE 2 JOB NO.: 4ctefi02 CLIENT: Tetra Tech CONTRACTOR: DRAGIN Drilling, Inc. DIG SAFE NO.: Driller/Helpers: Swiatek/Domahue Drilling Method: HSA 4.25 Drilling Equipment: CME 850 Barehole Dia. (In.): 9" (D 4.25 TD Installed By: Swiatek Start Date: 11-5-04/ Total Depth (ft bgs): 38.5 Logged by: Swiatek Completion Date: 1-22-04 Water Level (ft bes): 61 DEPTH SAMPLE TYPE/ BLOW LITHOLOGIC DESCRIPTION RECOVERY GRAPH DRILLING NOTES/ (ft) INTERVAL COUNTS (%) OF WELL WATER LEVEL 22 flush-mount 24-26-39 Black wood 2" or stick-up 26 100/6" 0" 28 011 21-19-24 Plastic 330 14-9-10-10 011 No recovery ³32 2" 2-1-2-2 Black fine sand some silt wood qlass **3**36 3-2-2-3 Black fine to coarse sand, trace 811 wood 238 24" 10-21-29-3 Black fine to coarse sand, wood 35 trace silt fine gravel 40 3-3-4-7 Brown organic peat EOB 38.5 in, dia, Sch.

C = Cuttings SS = Split Spoon	SAMPLE TYPE SA = Screened Auger R = Rock Core U = Undisturbed O = Other	
Trace = 0 - 10 %	Little = 10 - 20 % Some = 20 - 35 % And = 35 - 50 %	

LOCATION: Stratiford CI

PROJECT: Stratford Landfill

BORING/WELL NO. SLB 301

PAGE /

JOB NO.: 4ctet02			CLIENT: / Tetra Tech	CONTRACTOR: DRAGIN Drilling, Inc.				
DIG SAF			Driller/Heipers: Swiat					
	Method: HSA 4.	25	Drilling Equipment: CME 850		Borehole Dia. (in.): 9" (D 4, 25 3D			
	i By:Swiatek		Start Date: 11-19-04		h (ft bgs): 50'	- A	1	
ogged	sy: Swiatek		Completion Date: 1-21-04	Water Leve			1	
DEPTH (ft)	SAMPLE TYPE/ INTERVAL	BLOW	LITHOLOGIC DESCRIPTION	RECOVERY	GRAPH OF WELL	DRILLING NOTES/ WATER LEVEL	-	
						ANNERS MAN BOTT A 12 P.	1	
_ _o	75-61:-52 39		flight Brown silty sand with weathered rock	21"	flush-mount or stick-up			
2	19-20-24 21		Dark brown organic silt large combles	18"				
4	26–14–17 18		Dan'k brown silt trace organics	13"				
6	14–17–15 12		Dark brown silty sand trace plastics gravel wire	9"			ļ. -	
_ 8	16-19-17 24		Black silty ash wood glass wire plastic	9"				
_ 10	17–21–19 20		Black silty sand some gravel, brick spongey white material	6"				
_ 12	00/5"		No Recovery	0"				
- "'II	14-12-16 19		Black silty sand, plastic grass wood little angular gravel	24"				
_ 16	9-7-8-8		Black silty sand wood plastic	12"	*EARDAL		:	
. 18	1-2-2-2		Same	0"			٠	
20 4	-7 .7 .9		Black silty sand, gravel, plastic 18"paper	18"	in. dia.			

C = Cuttings SS ≈ Spilt Spoon	SA = Screened Auger	SAMPLE TYPE R = Rock Core	U = Undisturbed O = Other:	
Trace = 0 - 10 %	Little = 10 - 20 %	HOLOGY DESCRIPTI Some = 20 - 35 %		

BORING/WELL NO. SIB 30

_ in. dla.

Sch.

ROJECT	Strat ford La	andfill	LOCATION: Stratiford CI		B 2	2
	4cteti02		CLIENT: Tetra Tech	CO.	PAGE 2	
IG SAFE		*2:32	(CONTRAC		
	ethod:HSA 4.3	25	Delline Feetenset, OF SEC		loerst Swiatok/Do	
	By: Swiatek			Illing Equipment: OVE 850 Borehole Dia. (in.): 9" © 4,25 3		4.25 ID
	v. Swiatek		Start Date: 11-10-104		h (ft bgs): 50 ¹	·
- Hiller			Completion Date: 1-21-04	Water Lev	el (ft bgs):	
DEPTH (ft)	SAMPLE TYPE/ INTERVAL	BLOW COUNTS	LITHOLOGIC DESCRIPTION	RECOVERY (%)	GRAPH OF WELL	DRILLING NOTES WATER LEVEL
	3" SS					,
_22		3-3-4 - 3	Black cinders trace glass brick	9"	flush-mount or stick-up	
	ļ	_		4071	A Meteorery	
- 24		4-4-5-5	Black cimers trace fine sand or brick	G: 18"		
26		1– 2°2 –2	Same 27'-Grey black silt fine			
		•	fine sand layered	· .		
28		3 -4-4 -19	Black cinders, brick trash plast plastic. 31' light brown silt and organics	14"		
30		4-5-7-6	an diganes			
						· .
32						
34						
36						
38						
-S	4	-4-5-7	Olive brown organic silt trash plastic	24"	8	

SAMPLE TY	PE
SA = Screened Auger R = Rock Cor	re U = Undisturbed O = Other:
I THOLOGY NEGO	
7 0 t 1	
11800 = 10 - 20 % Some = 20 -	35 % And = 35 - 50 %
	ma ma

40

42

BORING/WELL NO. STB 301

	Stratford Ia	31 (11:11)	LOCATION: Stratiford CI	PAGE	3 of 3	
JOB NO.:			CLIENT: Tetra Tech	CONTRAC		rilling, Inc.
DIG SAFE					ipers: Swiatek/I	
	ethod:HSA 4.2	25	Drilling Equipment: CME 850		Dia. (in.):9" (1)	
	By: Swiatek		Start Date: 1=19-04		th (ft bgs):	The state of the s
Loagea Li	n Swiatek		Completion Date: 1121-04	Water Level (ft bas):		
				Marca Scr	or the master	
DEPTH (ft)	SAMPLE TYPE/ INTERVAL	BLOW	LITHOLOGIC DESCRIPTION	RECOVERY	GRAPH OF WELL	DRILLING NOTES/ WATER LEVEL

_42		4-4-5-7	Cres fire to come and and	,	flush-mount	
—42 ₀		4-4- 5/	Grey fine to coarse sand, round gravel, trace dense silt	. 1	or stick-up	
		.*	graver, trate terse sint	18"	a notanidi	
_ 44		19-22-32				
		48				
						,
	• 1					,
- 4 5						•
	1					
48		05 04 00				
		26-24-32	Grey fine to coarse sand some	8"		, i
		62	rounded gravel	•		
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50			j			
·	. 1					
			BOB 501			}
-			BUB 30			•
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				48	20	1
		}	[·			į
		.1			in. dia.	

C = Cuttings SS = Split Spoon	SAMPLE TYPE SA = Screened Auger R = Rock Core U = Undisturbed 0 = Other:	
Trace = 0 - 10 %	Little = 10 - 20 % Some = 20 - 35 % And = 35 - 50 %	

BORING/WELL NO. SIB 302

PROJECT	Stratford Ta	andfill	LOCATION: Stratiford CT PAGE 1			of 1											
	4ctet02	,	CLIENT: Tetra Tech	CONTRACTOR													
DIG SAFE	SAFE NO.: Driller/Helpers: Swiatek/Donahue					nahue											
	ethod:HSA 4.2	25	Pellitas Festeral CATA OFO														
	By: Swiatek																
Logged B	y: Swiatek		Completion Date: 1-26-04	Water Level (1		· · · · · · · · · · · · · · · · · · ·											
				1000001	ic bys):												
DEPTH (ft)	SAMPLE TYPE/ INTERVAL	BLOW	LITHOLOGIC DESCRIPTION	RECOVERY (%)	GRAPH OF WELL	DRILLING NOTES/ WATER LEVEL											
1		,] . [
- o		2-2-4-7	Brown silty organics and fine sand	8"	flush-mount or stick-up												
_ 2		6–100/3"	Dank brown silt and fine sand some wood, plastics organics	7"													
— a		14-19-19-22		9"													
 6		16-21-30-34	Trace large gravel	8"													
— 8		18–100/3"	No recovery														
— 10																	
- 10			Pulled off hole due to incoming incorrect meters and methane	42													
			gas														
_																	
-																	
_						_											
-																	
	ŧ			Sci	in. dia. h												

	C = Cuttings SS = Split Spoon	SA = Screened Auger	SAMPLE TYPE R = Rock Core U	= Undisturbed O = Other:
Į	Trace = 0 - 10 %	LITH Little = 10 - 20 %	OLOGY DESCRIPTION Some = 20 - 35 %	· · · · · · · · · · · · · · · · · · ·

BORING/WELL NO. SLB 302A

			PAGE 1			of 1		
			CLIENT: /Tetra Tech	CONTRACTOR: DRAGIN Drilling, Inc.				
DIG SAF			· • · · · · · · · · · · · · · · · · · ·	Driller/Hei	Driller/Helpers: Swiatek/Dorahue			
	Method: HSA 4.	25	Drilling Equipment: CME 850	Borehole D	ia. (in.):9" (I)	4.25 ID		
	By:Swiatek		Start Date: 11-26-04		(ft bgs): 93	· ·		
Logged E	sy: Swiatek		Completion Date: 1226-04	Water Leve				
		BLOW	LITHOLOGIC DESCRIPTION	RECOVERY	GRAPH OF WELL	DRILLING NOTES		
				1	OI WELL	WATER LEVEL		
		,						
_ 0	3443	3 -4-9 -27	Dark brown fine to medium sand some roots	14"	flush-mount or stick-up			
-2					Ang pages 7			
						$\frac{\partial u}{\partial x} = \frac{\partial u}{\partial x}$		
- 3		6-13-5-6	Dark brown silt to fine sand trace fine gravel, wood, metal	11"				
5		7–14–16–6	Dank brown silt fine sand wood	8"				
			rubber					
7	· :]	6 -6-9 -14	Plastic metal wood little silt	3"		•		
	:							
		7–14–19–27	Dank silt nubbers paper metal	12"		•		
17			Abandon hole methane levels	n 2				
			to high					
			BOB Qui					
				150		-		
i	: .	ŀ	* *		in. dia.			

C = Cuttings SS = Split Spoon	SA = Screened Auger	SAMPLE TYPE R = Rock Core L	J = Undisturbed O = Other:
Trace = 0 - 10 %	Little = 10 - 20 %	HOLOGY DESCRIPTIO Some = 20 - 35 %	N And = 35 - 50 %

DRAGIN DRILLING BORING/WELL LOG BORING/WELL NO. SIB-303 PROJECT: Stratford Landfill LOCATION: Stratiford CT PAGE JOB NO.: 4ctet02 CLIENT: Tetra Tech CONTRACTOR: DRAGIN Drilling, Inc. DIG SAFE NO.: Oriller/Helpers: Swiatek/Donahue Drilling Method: HSA 4.25 Drilling Equipment: OME 850 Borehole Dia. (in.):9" (D 4.25 ID Installed BytSwiatest Start Date: 1-Total Depth (ft bgs): 56' Lagged By: Swiatek Completion Date: Water Level (ft bgs): DEPTH SAMPLE TYPE BLOW LITHOLOGIC DESCRIPTION RECOVERY (ft) INTERVAL GRAPH DRILLING NOTES/ COUNTS (%) OF WELL WATER LEVEL flush-mount Dark brown frozen gravel pieces 0 or stick-up 41-69-54 of plastic, brick, wood 2 42-39-23 Gray fine to medium sand white cobble dark brown fine to medium sand some silt pieces of wood 4-6-6-3 4 gray dense sandy silt some gravel 6 7-9-10-11 Gray sand silt trace gravel pieces wood, tile 8 10-8-5-5 Dark brown dense silty sand pieces of wood, brick, trace gravel 10 6-6-8-7 Gray silt some sand trace roots oravel Dark silty sand with gravel plastic 11 9-3-3-3 14 3-5-9-13 Brown trash bags wood chips leaves 16 Brown silty sand with plastics 9-31-22-14 twigs cloth, woodchips, brick

C = Cuttings SS = Split Spoon	SA = Screened Auger R = Rock Core U = Undistructed O = Others
Trace = 0 - 10 %	LITHOLOGY DESCRIPTION Little = 10 - 20 % Some = 20 - 35 % And = 35 - 50 %

Sch.

18

20

42-50-39

9-13-24-12

22

No recovery

No Recovery

BORING/WELL NO. SLB-303

PROJECT	: Station	Landfill	LOCATION: Stratford CT		<u> </u>			3
	4ctet02		CLIENT: Tehra Tech	January e -		PAGE	2 of	3
DIG SAF			Terrational feet	CONTRAC				
	lethod:HSA	4.25	Politica Saniana CARA SEO			Swiatek/I		
	By:Swiatek		Drilling Equipment: OVE 850				4-25 ID	
	y: Swiatek		Start Date: 1=26-04	Total Dep	th (ft	ogs); 56'		
Lugged B	y, oracions		Completion Date: 1-27-04	Water Lev	ei (ft l	bos):		
DEPTH (ft)	SAMPLE TYP		LITHOLOGIC DESCRIPTION	RECOVERY (%)	ľ	GRAPH OF WELL	DRILLING NO WATER LEV	
<u>.</u> ,								
- ₂₂₀	8-13-19-17		No Recovery			flush-mount or stick-up		
	44.00.00.5						ı.	
 24	1 4-29-38- 5		Loose black fine to coarse sand with gravel trace silt			e-Polimetru		
-26		19-35-21	Dank brown black fine sand	3"				
		25	cinders, plastic fine gravel					
-28	. :	14-9-6-12	Same as above with wire and metal	6"				ŀ
- 30	•	9-7-10-13	Black silty fine sandwood,	12"				
3.	;	5-7-10-13	plastic, gravel		1		· •••	
- 32	• •	8-36-19-17	Brown silt and fine sand, fine gravel, 6" plastic	18"				
34		12-100/3"	Same as above trace plastic	3"				
36		56-14-16	Black silt and fine sand plastic	401				
		100/1"	in half of spoon	12"				
38		14-100/4"	Black silty fine to coarse sand wood	12"		_		
40		8-15-10-10	Black silty fine sand trace	9"			•	
			wood				,	
42	ŀ	3-3-4-5	Black silty fine sand, wood	8"				

C = Cuttings SS = Split Spoon	SAMPLE TYPE SA = Screened Auger R = Rock Core U = Undisturbed O = Other:
Trace = 0 - 10 %	Little = 10 - 20 % Some = 20 - 35 % And = 35 - 50 %

DRAGIN DRILLING BORING/WELL LOG BORING/WELL NO. SLB-303 PROJECT: Stratiford Landfill LOCATION: Stratiford CT PAGE JOB NO.: 4ctet02 CLIENT: Tetra Tech CONTRACTOR: DRAGIN Drilling, Inc. DIG SAFE NO.: Driller/Helpers: Swiatek/Donahue Drilling Method: HSA 4,25 Drilling Equipment: OME 850 Borehole Dia, (in,):9" (T) 4.25 ID Installed By: Skiabek Start Date: 1=26-04 Total Depth (it sos): 56' Logged By: Swiatek Completion Date: 1:27-04 Water Level (ft bgs): DEPTH SAMPLE TYPE/ BLOW LITHOLOGIC DESCRIPTION RECOVERY **GRAPH** DRILLING NOTES/ INTERVAL (ft) COUNTS (%) OF WELL WATER LEVEL flush-mount 9-6-7-8 Black fine sand trace silt 13" ar stick-up plasticin top of spoon **-**46 48 500 51-53 Brown fine to coarse sand medium gravel 52 54 Light brown fine to coarse sand 56 coarse gravel] 58 BOB 56'

C = Cuttings SS = Split Spoon	SA = Screened Auger	SAMPLE TYPE R = Rock Core	U = Undisturbed 0 = Other:	
Trace = 0 - 10 %	Little = 10 - 20 %	THOLOGY DESCRIPTION Some = 20 - 35 %		

in. dia.

Sch.

BORING/WELL NO. SIB-304

PROJECT: Strat ford I andfill			LOCATION: Stratford CT			PAGE	l of	2	
JOB NO.: 4cteti02			CLIENT: Tetra Tech CONTRAC			ONTRACTOR: DRAGIN Drilling, Inc.			
DIG SAF						Swiatek/I			
	iethod:HSA 4	.25	Drilling Equipment: CVE 850			i.):9" (I)			
	SY: SWIZER		Start Date: 11-26-04	Total Dop			4.23 10		
Logged B	y: Swiatek		Completion Date: 31-27-04	Water Lev				•	
				, and the Del	OI (IL D	gs):	_		
DEPTH (ft)	SAMPLE TYPE INTERVAL	BLOW	LITHOLOGIC DESCRIPTION	RECOVERY (%)	1	GRAPH F WELL	DRILLING I		
				<u> </u>				. ^	
— _o		46 100/3"	Olive brown silt and fine sand some fine gravel crushed stone	8"		flush-mount or stick-up	,		
_ 2		9-13-12-1	Brown silty fine sand gravel with crushed stone	2"					
4		6-10-9-11	Black silt little fire sand cinders brick	17"					
_ 6		4-7-7-11	Black silt find sami brick cinders, brick	12 ^{rg}					
_ 8		6-8-8-14	Black silt cinders plastic wood	6"			•		
_ 10		9-100/4"	No Recovery	0"					
- 12		16–100/2"	Black silt leaves wood wire	2"	· .		· .		
14		6-14-38-19	Black silt concrete wire wood	8"					
16	[9	9-21-36-20	Black silt wood crushed stone	16"					
18		5-14-19-181	"Black silt and wood top 6"	10"	E		-		
20		L-5-6-6	light brown fine to coarse sand trace fine grave! Black silt fine sand fine to	5"	E		,		
			medium sand layers 2" trace fine pravel		 Sch	in, dia,	· :		

C = Cuttings SS = Split Spoon	SA = Screened Auger	SAMPLE TYPE R = Rock Core	U = Undisturbed O = Other:	
Trace = 0 - 10 %	LITH Little = 10 - 20 %	OLOGY DESCRIPTION Some = 20 - 35 %		

DRAGIN DRILLING BORING/WELL LOG BORING/WELL NO. SIB 304 PROJECT: Strat ford Tandfill LOCATION: Stratiford CI of 2 PAGE 305 NO.: 4cte(102 CLIENT: /Tebra Tech CONTRACTOR: DRAGIN Drilling, Inc. DIG SAFE NO.: Driller/Helpers: Swiatek/Dorahue Drilling Method: HEA 4.25 Drilling Equipment: CME 850 Borehole Dia. (in.):9^{rt} (D 4.25 ID Installed By: Swiatek Start Date: 1-26-04 Total Depth (ft bgs): 44 Logged By: Swiatek Completion Date: <1-27-04 Water Level (ft bgs): DEPTH SAMPLE TYPE! BLOW LITHOLOGIC DESCRIPTION RECOVERY GRAPH -DRILLING NOTES/ INTERVAL (ft) COUNTS (%) OF WELL. WATER LEVEL flush-mount 220 or stick-up 24 26 5" 14-100/2" Black silty sand 28 18" Black fine sand with large crushed in a 19-24-31 - 30· 37 stone 32 2011. 14-21-25-3 Black fine sand with crushed stone 34 36 38 б" 39-41' Brown fine sand and 19-27-38 40 gravel 42 in. dia.

C = Cuttings SS = Split Spoon	SA = Screened Auger	SAMPLE TYPE R = Rock Core t	U = Undisturbed O = Other:
Trace = 0 - 10 %	Little = 10 - 20 %	OLOGY DESCRIPTIO Some = 20 - 35 %	ON And = 35 - 50 %

DRAGIN DRILLING BORING/WELL LOG BORING/WELL NO.SIB 305 PROJECT: Stratford Landfill LOCATION: Stratiford CI PAGE of JOB NO.: 4ctet02 CLIENT: Tetra Tech CONTRACTOR: DRAGIN Drilling, Inc. DIG SAFE NO.: Driller/Helpers: Swiatek/Dorahue Drilling Method: ISSN 4.25 Drilling Equipment: CME 850 Borehole Dia. (in.): 9" (1) 4.25 D Installed By: Swiatek Start Date: 1-28-04 Total Depth (ft bgs): 34' Logged By: Swiatek Completion Date: 1528_04 Water Level (it bgs): SAMPLE TYPE/ DEPTH BLOW LITHOLOGIC DESCRIPTION RECOVERY DRILLING NOTES/ GRAPH (ft) INTERVAL COUNTS (%) OF WELL WATER LEVEL fiush-mount ៊ី២ or stick-up 2" 5 6-13-15-14 Light brown silt and fine sand qlass trace fine gravel 7-9-11-13 Brown fine to coarse sand wood 6" 10 large odbles 7" 6-13-12-14 Black silt and fine sand wood 15 glass plastics 7-19-21-16 Black silt and plastics 20 311 311 25 wood and plastics 8-13-11-11 30 100/6" large cobble in spoon 111

		7		
C = Cuttings SS = Split Space		SAMPLE TYPE		
C = Cuttings	SA = Screened Auger	R = Rock Core	U = Undisturbed 0 = Other:	[
	LITT	HOLOGY DESCRIPT		
Trace = 0 - 10 %		Some = 20 - 35 %		
			Alu - 35 - 50 %	

Black brown fine to medium sand

trace silt some conshed stone

Olive brown silty fine sand

BOB 34'

trace coarse sand and gravel

14"

1"

Sch.

35

40

45

66-49-51-

36-29-32-41

42

DRAGIN DRILLING BORING/WELL LOG BORING/WELL NO. SIB 306 PROJECT: Stratiford Landfill LOCATION: Stratiford CT JOB NO.: 4ctet02 PAGE CLIENT: Tetra Tech CONTRACTOR: DIG SAFE NO.: DRAGIN Drilling, Inc. Driller/Helpers: Swiatek/Donahue Drilling Mathod: HSA 4.25 Drilling Equipment: CVE 850 Borehole Dia. (in.): 9" (D 4.25 TD Installed By Swiatek Start Date: 1=28-04 Total Depth (ft bgs): 44 Logged By: Swiatek Completion Date: 1229204 Water Level (ft ligs): DEPTH SAMPLE TYPE BLOW LITHOLOGIC DESCRIPTION RECOVERY (ft) INTERVAL GRAPH COUNTS DRILLING NOTES/ (%) OF WELL WATER LEVEL flush-mount Đ or stick-up 5 Black silt with trace organics 18" 3446 10 Black silt crushed stone, brick 6-9-11-13 10" plastic, wood 15 8-9-9-16 Black silt, cinders, brick, wood 11" 20 **18-8-10-13** Same as above with no paper: 1011 7-6-8-8 Black silt and fine sand, wood 6". 25 plastic 30 9-18-27-28 Black silt, wood, paper, fabric 71. wood 35 4-7-7-8 Black silty fine sand, top 4 " 12" organics, trace silt 40 Dark gray fine to coarse sand, 8-11-14-12 18" trace silt with gravel 45 20-25-28 44-46' Grey fine coarse sand,

					
	C = Cuttings SS = Split Spoon	-	SAMPLE TYPE		
- 1	<u> </u>	SA = Screened Auger	R = Rock Cone	U = Undisturbed 0 = Other:	
- 1	Trace = 0 - 10 %		LITHOLOGY DESCRIPT	TON	
	77BCE = 0 - 10 -78	Littie = 10 - 20 %	Some = 20 - 35 %	And = 35 - 50 %	
				00 00 78	

trace time to medium gravel

large cocbles

B/B 44'

36

50

16"

in. dia.

BORINGWELL NO.

			*			SLB 307		
PROJECT: Str	at ford Tan	dfill	LOCATION: Stratford CI		PAGE	1 of 2		
JOB NO.: 4cte			CLIENT: Tetra Tech	CONTRACTO				
Drilling Method: HSA 4.25 Drilling Equipment: GME 8505				Driller/Helpers	::Wilkey/Fern			
				Borehole Dia.	(In.): 9 ¹¹ CD	4.25 ID		
Installed By: Mike Wilkey			Start Date: 1-27-04		epth (ft bgs): 36'			
Logged By: Mil	Logged By: Mike Wilkey		Completion Date: 1-27-04	Water Level (ft bgs):		•		
	PLE TYPE/ TERVAL	BLOW COUNTS	LITHOLOGIC DESCRIPTION	RECOVERY	GRAPH OF WELL	DRILLING NOTES/ WATER LEVEL		
4 ' 1"	ŀ							

DEPTH (ft)	SAMPLE TYPE/ INTERVAL	BLOW	LITHOLOGIC DESCRIPTION	RECOVERY	GRAPH OF WELL	DRILLING NOTES/ WATER LEVEL
_ 0	12-5-3-3 145-5-3-3	112-5-3-3 6-6-14-10	Dank brown peat, trace fine gravel, little fine to coarse sand Same as above with some sand	15" 16"	fluteh-mount or stick-up	
4		6-12-20-25 1-2-2-2	Dark brown to black sand, little silt, little organics, trace cobbles Dark brown silty sand, fine	e 15" 13"		
8 — 10		12-8-8-12 17-9-12-12	gravel, some organics No Recovery	0"		
— 12		6-6-4-5	Oddble Dark gray sand, trace organics	1.5" 18"		
— 14 — 16		6-9-6-6 7-3-3-5	Same as above with dark tan to grey color	14" 8"		•
— 18			Dark grey sand, little silt, garbage Metal in tip of spoon	8"		
					Schin. dia.	

_		SAMPLE TYPE		
C = Cuttings SS = Split Spoon	SA = Screened Auger-	R = Rock Core	U = Undisturbed O = Other.	
	L	THOLOGY DESCRIPT	ON	
Trace = 0 - 10 %	Little = 10 - 20 %	Some = 20 - 35 %	And = 35 - 50 %	

DRAGIN DRILLING BORINGWELL LOG BORING/WELL NO. SIB 307 LOCATION: Stratiford CT PROJECT: Stratford Landfill PAGE of 2 JOB NO.: 4ctet02 CLIENT; Tetra Tech CONTRACTOR: DRAGIN Drilling, Inc. Drilling Mathod: HSA 4.25 Driller/Helpers: Wilkey/Fernandes Drilling Equipment GYE 8525 Screnole Dia. (In.): 911 CD 4.25 ID Installed By: Mike Wilkey Start Date: 1_27_04 Total Depth (ft bgs): 36' Logged By: Mike Wilkey Completion Data: 1-27-04 Water Level (ft bgs): SAMPLE TYPE DEPTH BLOW RECOVERY LITHOLOGIC DESCRIPTION GRAPH DRILLING NOTES! INTERVAL. (ft) . COUNTS (%) OF WELL WATER LEVEL 12" 22 25- 50/1" or stick-up Refuse 24 22-43-45 12¹¹ Refuse 18 TFILL 26 50-38-9-10 Bottom 70 dank gray sand, fine 16" to medium gravel, little silt 28 11-10-5-6 011 No Recovery 21-19-8-7 Dark gray to black silt, some 411 30 fine sand, trace organics 011 32 46-50/1" No Recovery 34 3-4-5-5 34-35' Dark gray silt, little 18¹¹ fine sang mL 2" Dark gray medium sand SP 35-36 Peat, organic matter PT 36 38 ECB 361

C = Cuttings SS = Spilt Spoon	SA = Screened Augus	SAMPLE TYPE R = Rock Core	U = Undisturbed	O = Other:	
Trace = 0 - 10 %	Little = 10 - 20 %	ITHOLOGY DESCRIPTION Some = 20 - 35 %	N . And = 35	- 50 %	

in. dia.

Sch.

42

BORING/WELL NO.SIB 308

PROJECT: Stratford Landfill	LOCATION: Stratiford CI	lance it
JOB NO.: 4ctett02	CLIENT: (Tetra Tech	CONTRACTOR: DRAGIN Drilling, Inc.
DIG SAFE NO.:		CONTRACTOR: DRAGIN Drilling, Inc. Drillier/Helpers: Swiatek/Donebue
Drilling Method: HSA 4.25	Drilling Equipment: QVE 850	
Installed By:Swiatek	G / 00 / 01	Borehole Dia. (in.):9 ¹¹ ① 4,25 ①
Lagged By: Swiatek	Constitution of the second	Total Depth (ft bgs): 55' Water Level (ft bgs):
	7 50 42	(at ode):

	DEPTH (ft)	SAMPLE TYPE INTERVAL	BLOW COUNTS	LITHOLOGIC DESCRIPTION	RECOVERY	7	RAPH F WELL	DRILLING NOTES/ WATER LEVEL
-	_ o						flush-mount or stick-up	
-	_ 5		9-11-13-1	2 Black dark brown silt and fine sand, cinders, fine gravel	15"			
				maj cinara, ma graver				
t	— 10		4-6-9-9	Dark brown silt and fine sand wood, crushed stone	14"			
-	_ 15		11–16–21	Dark brown silty fine sand,	11"			
	20		19 7-8-11-16	large cobbles, crushed stone trace wood				
				Black silt and paper	12"			
	25		5-6-6-9	Dark brown silty fine sand, gravel, wood	12"			
-	30		8-12-9-13	Black silty fine sand, wood fabric	8"			
-	35		4-4-5-7	Dank brown silt and fine sand, wood, plastic, paper	12"			
H	40	5	-6-5-5	Dark brown silt and peat country organics trace wood	24"			
L	45		7-9-11-13	Grey fine to medium sand,	15"	E		_
				trace silt and gravel				
	50	6-	5-4-7	Brown silt with 1" medium sand layer		H	-	· .
		:				Sch	in. dia,	

1	A A		SAMPLE TYPE
I	C = Cuttings SS = Split Spoon	SA = Screened Auger	
ł	•		R = Rock Core U = Undisturbed O = Other:
J		LTTHC	OLOGY DESCRIPTION
ı	Trace = 0 - 10 %		
•		Little = 10 - 20 %	Some = 20 - 35 % And = 35 - 50 %
	•		- 170 - CO 76

BORING/WELL NO. SIB 308

JOE N	cT: Stratford I: 0.: 4cbet02	<u> </u>	LOCATION: Stratified CT		PAGE	2 of 2
			CLIENT: Pletra Tech	CONTRACT		or July Inc.
	FE NO.:			Driller/Heir	en: Swiatek/	Timing, Inc.
	Method: HA 4.	5	Drilling Equipment: CME 850	Borebole D	la. (In.):9" (D	Marie
Installe	d By Swiatek		Start Date: 1-69-1/4	Tabel Donal		#-75 ID
gged	By: Swiatek		Completion Date: 1230204	Motor Depth	(ft bgs): 55'	
			1 - 4 hal kt	Water Leve	(ft bgs):	
DEPT	H SAMPLE TYPE/	BLOW		1		
(ft)	(ft) INTERVAL COUNTS		LITHOLOGIC DESCRIPTION	RECOVERY	GRAPH	DRILLING NOTES
				(%)	OF WELL	WATER LEVEL
		•		1	•	
j .				 -		<u> </u>
⊢ ,				1 1	flush-mount	, ,
0				 	or stick-up	
				· =		•
55	1	·	Light brown silty fine sand	7"		
		- 1	with gravel .		7	÷
	1]		1 . 1		t
<u> </u>				ļ. ļ		
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j	,			1 1		· [
		.		Sc	h. dia.	·
		3 .		, 50		,

C = Cuttings SS = Split Spoon	SAMPLE TYPE SA = Screened Auger R = Rock Core U = Undisturbed 0 =	Other
Trace = 0 - 10 %	Little = 10 - 20 % Some = 20 - 35 % And = 35 - 50	

DRAGIN DRILLING BORINGWELL LOG BORINGWELL NO. SLB 309 LOCATION: Stratiford CI PROJECT: Stratford Landfill PAGE ! CLIENT: Tetra Tech JOB NO.: 4ctet02 CONTRACTOR DRAGIN Drilling, Inc. Drilling Method: HSA 4,25 Driller/Helpers: Wilkey/Fernances Drilling Equipment GME 8505 Borehole Dia. (in.): 9" (D 4.25 ID Installed By: Mike Wilkey Start Date: 1-28-04 Total Depth (ft bgs): 28" Logged By: Mike Wilkey Completion Date: 1_28_04 Water Level / home

DEPTH (ft)	SAMPLE TYPE/ INTERVAL	COUNTS	LITHOLOGIC DESCRIPTION	RECOVERY	<u> </u>	GRAPH OF WELL	DRILLING NOTE WATER LEVE
- 0		8-9-6-3	Dark brown fine to medium sand little organics, trace silt	12"		flush-mount or stick-up	
_ 2		3-3-4-4	Peat, some sand, grabage	10"		-	
_ 4		2-1-1-1	No Recovery	0"			
. 6		11-1-1-₩OH	No Recovery	0"			
8		1–3–1–1	Peat/Wood	5"			•
**		nation a	, , , , , , , , , , , , , , , , , , , ,		-		An off the power of the position that deplications
10		WCH/18",-7	Dark brown silty sand, fine grawel, some organics	ี 6"			
12	V	VCH/18"-2	Same as above	24"			
14		9-12-14-17	Same as above with bottom 4° Dark gray sand, medium gravel trace fire gravel	14"			-
16	3	3-9-9-11	No Recovery	0"			
18	1	2-50-18-30	Wood, peat, trace silt and sand	8"			
20		2-50-18 0	Sand and gravel, fine to medium sand, dark gray fine to coarse gravel, trace silt	16"		.in. dia.	

C = Cuttings	SS = Split Spoon	SA = Screened Auger	SAMPLE TYPE R = Rock Core	U = Undisturbed	O ≈ Other:	
Trace	0 - 10 %	Little = 10 - 20 %	THOLOGY DESCRIPT Same = 20 - 35 %	70N And = 3:	5 - 50 %	

BORINGWELL NO. SIB 309 DRAGIN DRILLING BORING/WELL LOG PROJECT: Stratford Landfill of 2 2' PAGE LOCATION: Stratiford CI DRAGIN Drilling, Inc. CLIENT: Tetra Tech CONTRACTOR: JOB NO.: 4ctet02 Driller/Helpers: Wilkey/Fernandes Orilling Method: HSA 4.25 Drilling Equipment (GMF 8505 Borehole Dia. (In.): 911 @ 4.25 ID Installed By: Mike Wilkey Start Date: 1-28-04 Total Depth (ft bgs): 281 Logged By: Mike Wilkey Water Level (ft bgs): Completion Date: 1-28-04 RECOVERY DRILLING NOTES! GRAPH SAMPLE TYPE BLOW LITHOLOGIC DESCRIPTION DEPTH WATER LEVEL INTERVAL COUNTS OF WELL (%) (ft) ก็บรก-สายนาโ or stick-up 18" 8-20-24-18 Dark gray silty sand, fine gravel 22 some wood and garbage 811 Dark gray sand, fine gravel, 5-9-7-5 24 little silt, trace organics and garbage SP) & P 3-4-4-3 26 16" Dark gray silt and sand, fine gravel little organics 5m/m2 28 BOB 285 30

			SAMPLE TYPE			
C = Cuttings	SS = Split Spoon	SA = Screened Augus	R = Rock Core	U = Undisturbed	O = Other:	
	•		THOLOGY DESCRIPTI	ON ·	,	·
Trace = 0	- 10 %	Little = 10 - 20 %	Same = 20 - 35 %	And = 35	5- 50 %	

kn. dia.

Sch.

BORINGWELL NO.

٠.				STR	310
	PROJECT: Stratford Tandfill	LOCATION: Stratified CT	· · · · · · · · · · · · · · · · · · ·	PAGE / '	012
	JOB NO.: 4ctet02	CLIENT: Tetra Tech	CONTRACTOR:	DRAGIN Drilling, Inc	
	Drilling Method: HSA 4,25		Driller/Helpers: Wi	lkey/Fernandes	
	Drilling Equipment GME 8505		Borehole Dia. (In.)	:9" OD 4.25 ID	
	Installed By: Mike Wilkey	Start Date: 1_28_04	Total Depth (ft bgs	s): 3 <u>4</u> 1	
-	Logged By: Mike Wilkey	Completion Date: 1 20 04	Malaine I avail (M. ha	-\-	

Ţ							
	DEPTH (ft)	SAMPLE TYPE/ INTERVAL:	ELOW COUNTS	LITHOLOGIC DESCRIPTION	RECOVERY	GRAPH OF WELL	DRILLING NOTES/ WATER LEVEL
	- .		1-2-3-3	Wood, dark gray sand, medium gravel	4"	flush-mount or stick-up	
-	_ 2		4-10-5-3	Dark brown fine to medium sand some silt, trace fine gravel	12"		
-	_ 4		4-9-2-3	. No Recovery	0,,		
-	_ 6		4-13-14-11	gravel trace cobbles	4"		
\vdash	_ 8		9-14-9-8	Wood, leaves	2 ¹¹		· · · · · · · · · · · · · · · · · · ·
	- 10		20-20-9-11	Wood, trace coarse gravel, some silty sand	24"		
	- 12		14-16-16-15	Wood sand and fine gravel.	4"		
	_ 14	•	14-22-13 14	Dark gray sand, some fine to coarse gravel, little silt	16"		•
	16		17–19–22 30	Silty sand, Dark gray fine to gravel, trace fine to coarse gravel, little silt	ଟ'		
	18		9-11-11-15	Same as above	8"		
- 22,	20		15-40-31 30	Cardocard, some fine silty sand	24"	in, dia.	

C = Cuttings	SS = Spilt Spoon	SA = Screened Auger	SAMPLE TYPE R = Rock Core	U = Undisturbed O = Other:	
Trace :	= 0 - 10 %	Little = 10 - 20 %	LITHOLOGY DESCRIPTI Some = 20 - 35 %	ON And = 35 - 50 %	·

BORINGWELL NOSIB 310

		ndfill .	LOCATION: Stratford CT		PAGE	2 02
	4ctet02	<u> </u>	CLIENT: Tetra Tech	CONTRAC		Drilling, Inc.
Drilling M	ethod: HSA 4.2	· · · · · · · · · · · · · · · · · · ·		Driller/Help	ers:Wilkey/Fen	andes
Drilling E	rulpment - GYE 8	150 5		Borehole D	ia. (in.): 9" (D	4.25 ID
installed l	y. Mike Wilkey	7	Start Date: 1-28-04		h (ft bgs): 341	,
Logged B	y: Mike Wilkey		Completion Date: 1_29_04	Water Leve		• •
DEPTH (ft)					GRAPH OF WELL	DRILLING NOTES/ WATER LEVEL
			Garbage No Recovery No Recovery Dark gray silty fine sand, some wood and garbage Same as above with no garbage S m Dark gray silt, some fine sand trace organics NO BOB 34'	8ECOVERY (%) 3" 0" 12" 24"		WATER LEVEL
-					in, dia.	

SAMPLE TYPE

LITHOLOGY DESCRIPTION

U = Undisturbed O = Other.

And = 35 - 50 %

R = Rock Core

SS = Split Spoon

Little = 10 - 20 %

" Trace = 0 - 10 %

BORINGWELL NO. SIB 311

	Strat ford L		LOCATION: Stratford CI		PAGE /	012
OB NO.:		·	CLIENT: Tetra Tech	CONTRAC		
Orilling Ma	thod: HSA 4.2		· · · · · · · · · · · · · · · · · · ·	Driller/Hel	pers:Wilkey/Fernan	des
orilling Equ	ulpment (IVE (63 4 65		Borehole (Ola. (in.): 9" (D) 4.	25 ID
nstalled By	, Mike Wilke	<u> </u>	Start Date: 1-29-04	Total Dept	fi (fit bgs): 301	· · · · · · · · · · · · · · · · · · ·
ogged By	: Mike Wilke	7	Completion Date: 1-29-04	Water Lev	el (fit bgm):	
DEPTH	SAMPLE TYPE	ELOW	LITHOLOGIC DESCRIPTION	RECOVERY	GRAPH	TABLE I DAG ALONG
(ft) ·	INTERVAL	COUNTS	Elinogogio pesonicinon	(%)	OF WELL	DRILLING NOTE WATER LEVEL
					91 11 11	TIMIER CEYE
	•					
· [.	,				กับรก-กอบาร	,
- 。 l		20-12-6-4	Olive brown sand, fine gravel	6"	Or stick-up	
			trace fine sand, some silt,			•
		2 5 5 5	little fine to coarse gravel	077		
- 2		3-5-5-5		811	-	
	· ·		Same as above			
	•			1		•
-4	·	1-1-1-3	Same as above	3"		
				,		
6	j		Dark			
_		8-7-7-7	Dark gray silt, some fine sand,	24"		
			trace fine gravel and organics			
1		5		j .		
8	1	5-5-15-6	Same as above	8"		•
			- 10 115 6 50m man = - 2 mmm			
		,	ع ح			· · · · · · · · · · · · · · · · · · ·
10	•	5-5-15-6	No Recovery			
_ 10	-,	2-2-15-6	10 Radically	0"		•
• ·	· ·					
	•	•				•
. 12		12-50/2"	No Recovery	0"		
			_	,		
·			-	·		
14		26-90/4"	Dark gray silty sand, fine grave	3"		
- 1						
j					//	<u> </u>
16	l l	22 20 42	No Recovery			-
10		22-38-42 50/1"	in invery	0"		
		30/1				
				-#1		
18		50-100	Dark gray sand, fine to coarse	7"		
]		some fine to coarse gravel,		⊗} ·	
1	. 1		little silt		₩	
20	1	20-12-12	C	2"	<u></u>	
		9	Same as above	Z .		•
Ţ				j	in, dia.	
				1	Sch.	

SAMPLE TYPE * SS = Split Spoon R = Rock Core U = Undisturbed O = Other. LITHOLOGY DESCRIPTION Trace = 0 - 10 % Little = 10 - 20 % Some = 20 - 35 %

BORINGWELL NO. SLB 311

	Stratford T	artiti)	LOCATION: Stratificad CT		PAGE 2	ं वं य	
	4ctet02		CLIENT: Tebra Tech	CONTRACT		lling, Inc.	
orilling Ma	thod: HSA 4.2) 	•		ers:Wilkey/Fernan	les	
rilling Eq	uipment GME 8	1 34 5			la. (ln.): 9" CD 4.:	25 <u>ID</u>	
stalled B	y. Mike Wilkey	<u>-</u>	Start Date: 1-29-04		(ft bgs): 30"		
ogged By	Mike Wilke		Completion Date: 1-29-04	Water Level	(ft.bgs):		
		T		1 1			
DEPTH (ft)	SAMPLE TYPE/ INTERVAL	COUNTS	LITHOLOGIC DESCRIPTION	RECOVERY (%)	GRAPH OF WELL	Drilling Note Water Level	
	٠.					,	
-22 ₀	•	2-3-3-5	Same as above	8"	flush-mount or stick-up		
-24	•	4-6- 10-12	Silty sand some plastic and	4"			
26			garbage	14"			
20	1	5-8-8-5	Same as above with little organics			• .	
28		6-5-4-6	No Recovery	0"			
30	,		BOB*30'			an well-town you show a shall he had	
32			ALE 30				
34							
			_				
36.						•	
					Schin, dia.		

SAMPLE TYPE

C = Cuttings SS = Split Spoon SA = Screened August R = Rock Care U = Undisturbed C = Other;

LITHOLOGY DESCRIPTION

Trace = 0 - 10 % Little = 10 - 20 % Some = 20 - 35 % And = 35 - 50 %

BORING/WELL NO.SIB 312

	7: Stratford I	aron II	LOCATION: Stratford CIT		PAGE	of 2
	4ctet02	<u> </u>	CLIENT: Tetra Tech	CONTRACT		
	sthod: HSA 4,2		·		ers: Wilkey/Fernan	
illing Ed	oulpment GME	8365			(a. (in.): 9" (D 4.	
stalled E	y: Mike Wilke	<u>y</u>	Start Date: 1-29-04	Total Depth	(ft bgs): 24'	
gged B	y: Mike Wilke	<i>y</i>	Completion Date: 1-29-04	Water Leve		
	1	1				·, ·.
DEPTH (ft)	SAMPLE TYPE	COUNTS	LITHOLOGIC DESCRIPTION	RECOVERY	GRAPH OF WELL	DRILLING NOTE WATER LEVE
· .				·		WOLEN FEAT
0		2-8-24-24	Dark brown peat, some coarse gravel, little medium sand	24"	flush-mount or stick-up	
2		17-17-14 15	Dark brown sand, medium to coars trace fine to coarse gravel trace silt	≘ 14"		
4		7–7–12–10	No Recovery	0"		
6		28-20-5-7	Fine to coarse gravel, trace cobbles, trace silt, trace sand	4"		
8		3 . 4 4 5	Dark brown silts some fine sand trace organics, trace fine	20!!		· · · · · · · · · · · · · · · · · · ·
10		5 84 5	gravel Dark brown peat, some fine sand and silt, organics	14"		
12		3-8-24-25	2" peat, gray medium grained sand, little gravel	16"		
4	-	7-8-6-7	Dark gray fine to medium sand, little silt, trace fine gravel	12"		•
6	3	31–3–33–40	Dark gray medium sand, little silt, some organics and garbage	8"		
8	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		Dark fine to medium sand, trace silt, trace fine gravel and garbage	13"		
0 -	4	4-5-5	Dark gray fine to medium sand, little silt SP	7"	-in, dia,	

SAMPLE TYPE

LITHOLOGY DESCRIPTION Some = 20 - 35 %

U = Undisturbed O = Other.

And = 35 - 50 %

R = Rock Core

SA = Screened August

Little = 10 - 20 %

C = Cuttings

SS = Split Spoon

Trace = 0 - 10 %

DRAGIN DRILLING BORINGWELL LOG BORING/WELL NO. SLB 312 LOCATION: Stratford CT PROJECT: Stratford Landfill PAGE JOB NO.: 4ctet02 CLIENT: Tetra Tech CONTRACTOR DRAGIN Drilling, Inc. Drilling Method: HSA 4.25 Driller/Helpers: Wilkey/Fernandes Orilling Equipment GME 8505 Borehole Dia. (In.): 911 CD 4.25 ID Installed By: Mike Wilkey Start Date: 1-29-04 Total Depth (ft bgs):24 Logged By: Mike Wilkey Completion Date: 1-29-04 Water Level (ft bgs): DEPTH SAMPLE TYPE/ BLOW LITHOLOGIC DESCRIPTION RECOVERY GRAPH DRILLING NOTES INTERVAL (ft): COUNTS (%) OF WELL WATER LEVEL 23 2-2-5-7 Dark olive brown fine to medium sand, trace silt, trace fine 10 10" gravel 24 BOB 241 26 28 30 32 34 36 in, dia. Son. SAMPLE TYPE 88 = Split Spoon SA = Screened Auger R = Rock Core U = Undisturbed O = Other. LITHOLOGY DESCRIPTION Trace = 0 - 10 % Little = 10 - 20 % Some = 20 - 35 % And = 35 - 50 %

BORING/WELL NO, SLB 313

PROJECT: Stratford Tandfill			LOCATION: Stratificad CT	PAGE / of 2			
JOB NO.: 4ctet02 Drilling Method: FEA 4.25			CLIENT; Tetra Tech	CONTRACTOR: DRAGIN Drilling, Inc.			
				Driller/Hel	pers: Wilkey/Ferna		
illing Eq	uipment (TYE)	<u> </u>	,	Borehole	Dia. (in.): 9" (D 4	.25 ID	
nstalled By: Mike Wilkey			Start Date: 2_2_04		th (ft bgs): 241		
gged By	Mike Wilke	y	Completion Date: 2-2-04		el (ft.bgs):	 	
					(1-1,-g=)(
DEPTH	SAMPLE TYPE	BLOW		I	1	1	
(ft)·	INTERVAL		LITHOLOGIC DESCRIPTION	RECOVERY	-,,	DRILLING NOT	
.				1 (4)	OF WELL	WATER LEVE	
.					flush-mount		
		4-6-2-4	Brown medium to fine sand,	22"	or stick-up		
	•		little silt trace gravel, leaf				
2	.]	2-20-14-6	detritus bottom 6"	. 20 ⁿ			
.			Same as above with trace asphaul			,	
			with the apparent			ļ ·	
4				,			
	.	4-4-4-3	Dank gray medium sand yourace (i)	1 U		İ	
. [fire gravel, trace asphault	~ - 40			
6		8-8-13-7	Same as above with some leaves	10"			
		1					
		.*					
,		5-5-3-10	Same as above	8" l		. 4	
' . : .	1						
	,	;				· ·· · · · · · · · · · · · · · · · · ·	
		0.40.45 ==					
10		2-12-16-12	Fine to coarse gravel, little	11"	'		
. -		·	sand medium grained silt, trace				
• •			leaves	1			
12		5-3-3-7	Dark gray fine to medium sand,	4"		•	
			some silt S M	.			
	.		•				
4		10_21_13	7" Gray to black silty sand 5M	14"			
*		10-21-13	7' Gray medium sand, trace O	· '*· 🛭		_	
			fine gravel, trace silt SP			·	
,] !	5-8-9-8				•	
			Dark gray sand, some silt Sm	4"	※		
	1			[:			
	:	-8-5-10	Donds grows ground frames	1,411		•	
'	/-	-0-5-10	Dark gray sand, trace gravel,	14"	⊗ }		
]			some silt, trace fine to coarse gravel SD		测−−		
			Araver 9 h		░		
	6	6-7-4	Fine sand, some silt, trace	ייט 10			
	10-0			"	T.	•	
	1	1	gravel SM		in dia.		
				- 1	Sch		

R = Rock Core

LITHOLOGY DESCRIPTION Some = 20 - 35 %

U = Undisturbed O = Other.

And = 35 - 50 %

C = Cuttings

Little = 10 - 20 %

Trace = 0 - 10 %

BORINGWELL NO. SLB 313

		'-' SIB 313	
	PAGE	-	
PAGE 2 of 2 CONTRACTOR: DRAGIN Drilling, Inc.			
		mling, Inc.	
	rs:Wilkey/Ferna		
Borehole Dia. (In.): 9" (D 4.25 ID Total Depth (ft bgs); 24"			
			Vater Level (
RECOVERY	GRAPH	TOPR I DIE N	
. (%)	OF WELL	DRILLING NOTES WATER LEVEL	
•		THE PERSON	
		ĺ	
	flush-mount		
6"	stick-up		
- ZZ	a ├- `	•	
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ecn	"		
	Sci	Sch	

C = Cuttings SS = Split Spoon SA = Screened Auger R = Rook Core U = Undisturbed O = Other:

Little = 10 - 20 % Some = 20 - 35 % And = 35 - 50 %

BORING/WELL NO.SIB 314

PROJECT: Similar Tanifill JOB NO.: 4ctet 02 Drilling Mathod: HSA 4.25			LOCATION: Straitford CT		PAGE	1 of 2		
			CLIENT; Tebra Tech	CONTRACTOR: DRAGIN Drilling, Inc.				
				Driller/Hel:	pers: Wilkey/Ferna	ndes		
xilling Eq	ulpment . TYP	85/45			Ola. (In.): 9" (I) 4			
Installed By: Mike Wilkey Logged By: Mike Wilkey			Start Date: 2-2-04		Total Depth (ft bgs): 28			
			Completion Date: 2-2-04	Water Leve				
					or (14'58e)			
DEPTH	SAMPLE TYPE	BLOW	1 Plint ages Branchinger		i			
(ft): .	INTERVAL	COUNTS	SILLIAN SILVE SERVICE LIGHT	RECOVERY		DRILLING NOTE		
•				(74)	OF WELL	WATER LEVEL		
l				'				
	•	(es		1	flush-mount	,		
- 。		6-50/4"	Brown fine to medium sand, litt	1e 8"	or stick-up]		
- 1			silt, trace fine to coarse grave	ajr				
- 1		5-7-18-30	Same as above with little gravel	14"				
- 2			- Color Will Little Graver	'*		•		
	• .	.].						
4	•	14-14-8-16	Same as above with trace cobbles	8"		•		
		1] .				
	•			<u> </u>				
6	. ,	24-14-8-4				,		
•		24-14-0-4	Same as above with no cobbles	4"1				
- 1	•	1		-		•		
8. 1.		6-4-3-7	Same as above	411 .				
		• ;	and telescopers a tenned a					
			الخر	ſ				
10	.	4-40-23-13	Dank brown fine to medium sand	14"				
	1		little silt, trace fine gravel	1				
``						· •		
12		4-8-9-14	Dark brown silt, some fine sand	12"		· •		
.			little leaves	14.				
	-	ſ	-			• .		
14		55711	Donds and Charles					
· -	ŀ	J-J-/-II	Dank gray fine silty sand, some	12"				
			wood					
	-							
16		3-3-2-1	Dark gray silty sand, with	7" 🔯		•		
•	1.	.	black fine gravel	- ' ₩	⊗ 			
		1			} 			
18		4-30-13-14	Same as above with some		<u> </u>			
- 1		1	organics	ויפ 🕸				
20	-	135	G					
ا س	15	-1-3-5	Same as above with some	11"	'}	*		
	1.	}	garbage		in. dia.			
1	ĺ	ŀ	• ,	. !	Sch.			

C = Cuttings SS = Split Spoon	SA = Screened Auger	SAMPLE TYPE R = Rock Core U	= Undisturbed	
Trace = 0 - 10 %	Little = 10 - 20 %	LITHOLOGY DESCRIPTION Some = 20 - 35 %	And = 35 - 50 %	

BORING/WELL NO. SLB 314

	4ctet02	· · ·	CLIENT: Tebra Tech	CONTRACTO	PAGE R: DRAGIND	2 of 2	
	effod: HSA 4.2			CONTRACTOR: DRAGIN Drilling, inc. Driller/Helpers: Willkey/Fernandes			
	ulpment GE &	7		Borehole Dia.	(ln.): 9" (D 4.	.25 ID	
nstalled By: Mike Wilkey ogged By: Mike Wilkey			Start Date: 2-2-04	Total Depth (ft bgs): 28' Water Level (ft bgs):			
			Completion Data: 2-2-04				
DEPTH	SAMPLE TYPE					1 ''	
(#t) .	INTERVAL	COUNTS	LITHOLOGIC DESCRIPTION	RECOVERY (%)	Graph of Well	DRILLING NOTE WATER LEVE	
	• •			·			
	1 FILL				flush-mount		
22	<u> </u>	4-6-4-3	Dark brown fine silty sand,	<u> </u>	ar stiak-up		
		•	some organics SM	777	<u> </u>	÷	
24	.	1-2-2-3				:	
	.		Dark brown fine sand, some silts	222		÷	
26	1	į	trace organics 5 ym	1		•	
26		5-7-7-9	Olive brown medium sand, trace		-	•	
		_	organics and wood Sp				
20				·			
28		• •					
		[, ,			
30 .			BOB 28'				
. : ا ^{بت}						•	
			* **** **** **** **** ***** ****** *****	/			
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1	1.			· T.		•	
				Sci	h.		

C = C SS = Split Spoon	SA = Streened Auger	SAMPLE TYPE R = Rock Core	U = Undisturbed	O = Other	
Trace = 0 - 10 %	Little = 10 - 20 %	LITHOLOGY DESCRIPTIO Some = 20 - 35 %	***		